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BACT/LAER Clearinghouse: A Compilation of Control Technology Determinations. Volume 2. Appendix H, Source Codes 1-3

PEI Associates, Inc., Cincinnati, OH

Prepared for:

Environmental Protection Agency, Research Triangle Park, NC

Jun 90

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Research Triangle Park, NC 27711

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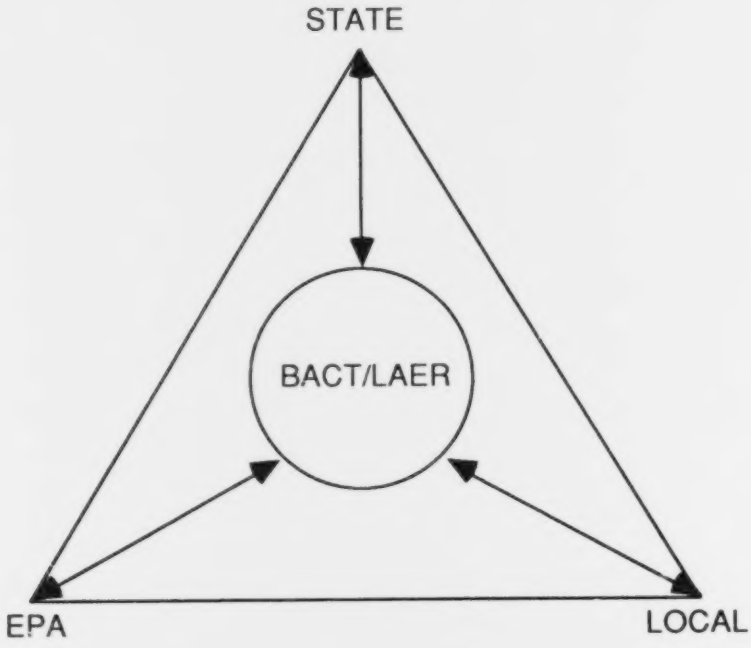
July 1990

Air

BACT/LAER CLEARINGHOUSE:

A COMPILATION OF CONTROL TECHNOLOGY DETERMINATIONS

Volume II - Appendix H, Source Codes 1 to 3



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16. ABSTRACT

The Clean Air Act as amended in 1977 prescribes several technology-based limitations affecting new or modified air pollution sources: 1) new source performance standards (NSPS); 2) best available control technology (BACT); and 3) lowest achievable emission rate (LAER).

The basic purposes of the BACT/LAER Clearinghouse are to: 1) provide State and local air pollution control agencies with current information on case-by-case control technology determinations that are made nationwide and 2) promote communication, cooperation, and sharing of control technology information among the permitting agencies. The information presented in this compilation was abstracted from preconstruction permits and submitted voluntarily by the State and local air pollution control agencies. The Clearinghouse is intended as a reference for State and local agencies in making BACT/LAER decisions.

Since the 1985 BLC document was published in June of that year, annual supplements containing only those determinations inserted or revised during the previous 12 months were published. A master edition containing all new/revised determinations completed during the past 5 years was planned to be published every 5 years. This report is the 5 year compilation containing all determinations inserted or updated since June 1985.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Best Available Control Technology Lowest Achievable Emission Rate Control Technology Determinations New Source Review	Air Pollution Control	

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BACT/LAER CLEARINGHOUSE: A COMPILATION OF CONTROL TECHNOLOGY DETERMINATIONS

Prepared by

Emission Standards Division

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF AIR QUALITY PLANNING AND STANDARDS
RESEARCH TRIANGLE PARK, NORTH CAROLINA 27711

July 1990

DISCLAIMER

This report was prepared by PEI Associates, Inc., Cincinnati, Ohio, under Contract No. 68-02-4394, Work Assignment No. 46. It has been reviewed by the Emission Standards Division of the Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the U.S. Environmental Protection Agency. Mention of trade names or commercial products is not intended to constitute endorsement or recommendation for use. Copies of this report are available from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161, telephone (703) 487-4650.

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ACKNOWLEDGMENT

The computerized information listings contained in this report were prepared for the BACT/LAER Clearinghouse by PEI Associates, Inc., Cincinnati, Ohio. Mr. David Dunbar served as the Project Director, and Mr. Joe Steigerwald was the Project Manager. Mr. Bob Blaszczak was the EPA Technical Representative.

The project would not have been possible without the excellent cooperation of the many State and local air pollution control agencies and EPA Regional Offices who submitted the necessary technical information.

Special thanks are given to Mr. William Becker, Executive Secretary for STAPPA and ALAPCO, Mr. John Paul from the Regional Air Pollution Control Agency in Dayton, Ohio, representing ALAPCO, Robert H. Collom from the Georgia Department of Natural Resources representing STAPPA, and other State, local, and EPA Regional Office representatives that have provided recommendations, guidance, and overall support for the BACT/LAER Clearinghouse effort over the past several years.

APPENDIX H

DETAILED SOURCE LISTINGS FOR NEW DETERMINATIONS

SOURCE CODES 1-3

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: A E S THAMES, INC.
125 DEPOT RD
MONTVILLE, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 107-0010
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
SUSAN AMARELLO (AGENCY CONTACT PERSON)
(203)-566-8230 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/09/89
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	923.00 MMBTU/H	PM	0.0200 LB/MMBTU BAGHOUSE	99.90
		SOX	0.3200 LB/MMBTU LIMESTONE INJECTION	70.00
		NOX	0.3600 LB/MMBTU FLUIDIZED BED COMBUSTION	
		VOC	0.0200 LB/MMBTU	
		CO	0.1100 LB/MMBTU	
		PB	1.5000 E-4 LB/MMBTU	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: A E S THAMES, INC.
125 DEPOT RD
MONTVILLE, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 107-0010
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
SUSAN AMARELLO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/09/89
ESTIMATED DATE OF START-UP-- 1989
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	923.00 MMBTU/H				
		PM	0.0200 LB/MMBTU		
				BAGHOUSE	99.90
		SOX	0.3200 LB/MMBTU		
				LIMESTONE INJECTION	70.00
		NOX	0.3600 LB/MMBTU		
				FLUIDIZED BED COMBUSTION	
		VOC	0.0200 LB/MMBTU		
		CO	0.1100 LB/MMBTU		
		PB	1.5000 E-4 LB/MMBTU		

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

OURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

OMPANY NAME/SITE LOCATION: APPLIED ENERGY SERVICES - BARBERS POINT* — EWA BEACH, HI
CAMPBELL INDUSTRIAL PARK

ETERMINATION IS BACT FOR A NEW SOURCE.
ERMIT NO. HI 88-02
ETERMINATION MADE BY HAWAII DOH (AGENCY) — NOLAN HIRAI (AGENCY CONTACT PERSON) — (808)-543-8200 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/25/90
ESTIMATED DATE OF START-UP-- 1992

ROCESSES SUBJECT O THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OILER, CFB, 2 EA	2150.00 MMBTU/H TOT*	PM/*	32.2000 LB/H		BACT
			0.0070 GR/DSCF		
				BAGHOUSE	99.90
		NOX	236.5000 LB/H		BACT
			25.0000 PPM		
				SELECTED NON-CATALYTIC REDUCTION	62.00
		CO	408.4000 LB/H		BACT
			70.0000 PPM		
		SO2	645.0000 LB/H		BACT
			48.0000 PPM		
				LIMESTONE BED	90.00
		VOC	32.2000 LB/H		BACT
			3.5000 PPM		
		PB	5.7000 LB/H		BACT
			0.0012 GR/DSCF		
		F	101.1000 LB/H		BACT
			0.0470 LB/MMBTU		
		HG	0.1700 LB/H		BACT
			8.1000 E-5 LB/MMBTU		
		BE	0.0670 LB/H		BACT
			3.1000 E-5 LB/MMBTU		
		H2S*	49.5000 LB/H		BACT
			0.0230 LB/MMBTU		

*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

(CONTINUED) APPLIED ENERGY SERVICES - BARBERS POINT*

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES --------
THO BOILERS SERVICED BY A COMMON STACK. PPM EMISSIOM LIMITS ARE CORRECTED TO 15% 02. GR/DSCF EMISSION LIMITS ARE CORRECTED TO 12% CO2.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 20.00 MW

COMPANY NAME/SITE LOCATION ARCHBALD POWER CORP. , PA LACKAWANNA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 35-306-001
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/16/87
ESTIMATED DATE OF START-UP--
(717)-787-9256 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	240.00 MMBTU/H	PM	0.0500 LB/MMBTU	FABRIC FILTER	B/N BACT
		SO2	0.1500 LB/MMBTU	LIMESTONE INJ.	90.00 BACT
		NOX	0.2500 LB/MMBTU		

NOTES --------
FUEL - ANTHRACITE COAL. 0.317% SULFUR, 4200 BTU/LB

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/29/1988

ID NUMBER PA-0045

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

05/30/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: BHCP , CA
KERN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 4160001-004
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/20/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CIRCULATING BED, COAL F*	220.00 T/D				
		PM	0.0156 GR/DSCF		BACT
				FABRIC COLLECTOR	99.00
		SO2	0.0390 LB/MMBTU		BACT
				LIMESTONE INJ.	96.00
		NOX	0.0390 LB/MMBTU		BACT
				LOW TEMP., STAGED COMBUSTION, AMMONIA INJ.	80.00
		VOC	0.0390 LB/MMBTU		BACT
				O2 MONITOR	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL 79.80 MW

COMPANY NAME/SITE LOCATION: CAMBRIA COGEN, INC. , PA CAMBRIA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 11-306-002
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
BRUCE FRY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/26/89
ESTIMATED DATE OF START-UP-- 1991
(412)-645-7100 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB, 2 EA	559.00 MMBTU/H	PM	16.8000 LB/H	FABRIC FILTER	BACT 99.90
		SO2	556.0000 LB/H	LIMESTONE INJ., CA/S = 2/1	BACT 90.00
		NOX	335.5000 LB/H	COMBUSTION CONTROL	BACT
		CO	83.9000 LB/H	COMBUSTION CONTROL	BACT
		VOC		COMBUSTION CONTROL	BACT
MATL. HANDLING		PM	0.0200 GR/DSCF	FABRIC FILTERS	BACT 99.90

NOTES --------
EMISSION RATES IN LB/H ON A 24H ROLLING AVERAGE. CONTINIOUS EMISSION MONITORS REQUIRED FOR O2 OR CO2, SO2, NOX, OPACITY & GAS FLOW. THE FUEL CONSISTS OF 20% BITUMINOUS COAL, 1.4% S, & 80% COAL REFUSE, 3% S. THE BOILERS ARE SUBJECT TO NSPS SUBPART DA & THE COAL HANDLING SUBJECT TO NSPS SUBPART Y.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 07/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: CITY OF WYANDOTTE, DEPT. OF MUN. SERV, 2555 VAN ALSTYNE BLVD. — WYANDOTTE, MI

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. C-7584,7728,7729
DETERMINATION MADE BY WYANE CO. APC (AGENCY)

PHILIP KURIKESU (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/07/87
ESTIMATED DATE OF START-UP-- 1988
(313)-567-0710 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFBC, COAL FIRED	369.00 MMBTU/H				
		PM10	0.0110 LB/MMBTU	MECHANICAL COLLECTOR, BAGHOUSE	LAER 99.90
		VE	10.0000 % OPACITY		
		SO2	0.4960 LB/MMBTU	LIMESTONE INJ. INTO FLUID BED, CA/S>=2	BACT 90.00
		NOX	0.4000 LB/MMBTU	TEMP. 1450-1650 F EQUIP. DESIGN	BACT
		CO	0.1400 LB/MMBTU	TEMP. 1450-1650 F EQUIP. DESIGN	LAER
		VOC	8.8600 LB/H 37.7000 T/YR		

NOTES --------
CONTINUOUS EMISSION MONITORS FOR OPACITY, SO2, NOX, O2, CO2, & CO. FUGITIVE DUST CONTROL PROGRAM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 01/29/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 49.00 MW

COMPANY NAME/SITE LOCATION: COGENERATION NATIONAL CORP. — STOCKTON, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 85-05
DETERMINATION MADE BY EPA REGION IX (AGENCY)
JIM HANSON (AGENCY CONTACT PERSON)
(415)-974-8218 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/31/85
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, FLUIDIZED BED	300.00 MMBTU/H				
		SO2	26.0000 LB/H		BACT
				RECIR. FLUID. BED	95.00
				LIME INJECTION	
		NOX	30.0000 PPMDV AT 3% O2		LAER
				SNCR	80.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: COGENERATION NATIONAL CORP. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. AP84-190
DETERMINATION MADE BY SAN JOAQUIN COUNTY APCD (AGENCY)
SEYED SADREDIN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/13/85
ESTIMATED DATE OF START-UP-- 1987
(209)-462-8526 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	279.60 MMBTU/H				
		NOX	30.0000	PPMV AT 3% O2	
			12.0000	LB/H/UNIT	
				NSCR M/MIN AMMONIA INJ	
				NH3 RATE = 5.5 LB/LB NOX	
		SOX	13.0000	LB/H/UNIT	
				LIMESTONE INJECTION	95.00
		CO		SEE NOTE	
				OPTIMUM & STAGED COMBUSTION	
		PM	8.0000	EE-3 GR/SCF AT 12% CO2	
			10.0000	LB/H TOTAL	
				BAGHOUSE M/MAX AIR/CLOTH RATIO = 4 TO 1	
				PNEUMATIC ASH REMOVAL	
SILO, COAL STORAGE, 2 EA	557.00 T/D				
		PM			
				BAGHOUSE M/MAX AIR/CLOTH RATIO = 5 TO 1	99.00
CONVEYOR, COAL, CANOPY-COVERED	120.00 T/H				
		PM			
				TOTAL ENCLOSED, WATER SPRAY	99.00

NOTES --------
CO EMIS. LIMIT - LAER SUBORDINATE TO NOX LAER, LIMIT TO BE SET.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: COGENERATION NATIONAL CORP. , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 87-97
DETERMINATION MADE BY SAN JOAQUIN CO. APCD (AGENCY)

SEYED SADREDIN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/25/88
ESTIMATED DATE OF START-UP-- 1988
(209)-468-3474 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WATER TUBE	79.00 MMBTU/H	NOX	199.0000 LB/D, NAT GAS		BACT
			140.0000 LB/D, #2 OIL		
				LOW NOX BURNER	51.00
				FLUE GAS RECIRCULATION	
		SOX	409.0000 LB/D		BACT
			0.2160 LB/MMBTU		
				#2 FUEL OIL W/0.2% S MAX	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: COGENERATION NATIONAL CORP. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. AP850121 & 122
DETERMINATION MADE BY SAN JOAQUIN CO. APCD (AGENCY)
SEYED SADREDIN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/13/85
ESTIMATED DATE OF START-UP--
(209)-682-8526 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB, COAL FIRED, 2 EA	280.00 MMBTU/H				
		NOX	30.0000	PPM AT 3% O2	LAER
				SNCR W/NH3 INJECTION	
		SOX	625.0000	LB/D	LAER
				DRY LIMESTONE INJECTION	75.00
				MIM CA/S RATIO = 1.6 TO 1	
		CO			LAER
				OPTIMUM COMBUSTION	
		PM	10.0000	LB/H	LAER
				BAGHOUSE	99.00
MATL. STORAGE, COAL SILOS	557.00 T/D				
		PM		EMIS INCLUDED IN BOILER EMIS	
				BAGHOUSE	
MATL. TRANSFER, COAL	557.00 T/D				
		PM		NIL	
				TOTAL ENCLOSURE, WATER SPRAY	90.00
BOILER, CFB, COAL/COKE FIRED	620.00 MMBTU/H				
		NOX	30.0000	PPM AT 3% O2	LAER
				SNCR W/NH3 INJECTION	
		SOX	1421.0000	LB/D	
				DRY LIMESTONE INJECTION	95.00
				MINIMUN CA/S RATIO = 1.6 TO 1	
		PM	10.0000	LB/H	
			0.0080	GR/DSCF AT 12% CO2	
				BAGHOUSE	99.00
				PNEUMATIC ASH REMOVAL	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		CO	1842.0000 LB/D	AUTO EXCESS AIR CONTROL	LAER
MATL. TRANSFER, TRUCK UNLOADING	1440.00 T/D	PM		NIL BAGHOUSE TOTAL ENCLOSURE	99.00
MATL. TRANSFER, COAL	1440.00 T/D	PM		NIL ENCLOSURE VENTED TO BAGHOUSE	99.00
MATL. STORAGE, FUEL SILO, 2	1440.00 T/D	PM		NIL BAGHOUSE	99.00

NOTES --------
FINAL CONTROL SUBJECT TO LAER AFTER TESTING. COST FIGURES SUBMITTED BY APPLICANT, NO INDEPENDENT DISTRICT VERIFICATION.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 53.00 MW

COMPANY NAME/SITE LOCATION: COGENTRIX CAROLINA LEASING CORP. — ROXBORO, NC — PERSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 5856
DETERMINATION MADE BY NORTH CAROLINA DEM (AGENCY)
MIKE SEWELL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/28/86
ESTIMATED DATE OF START-UP-- 1987
(919)-733-3340 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 3 EA	202.00 MMBTU/H	PM	0.0300 LB/MMBTU	BAGFILTER	99.10
		SO2	1.6400 LB/MMBTU	LOW SULFUR COAL, 1%	
		NOX	0.6000 LB/MMBTU	CONTROL OF EXCESS AIR	
		CO	0.6000 LB/MMBTU	CONTROL OF EXCESS AIR	
		H2S*	0.0210 LB/MMBTU	NO CONTROLS	

NOTES ---------
NOT SUBJECT TO NSPS, BUT WILL MEET PROPOSED NSPS SUBPART DB.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/01/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 106.00 MM

COMPANY NAME/SITE LOCATION: COGENTRIX CAROLINA LEASING CORP. — SOUTHPORT, NC — BRUNSWICK COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 5884
DETERMINATION MADE BY NORTH CAROLINA DEM (AGENCY)
MIKE SEWELL (AGENCY CONTACT PERSON)
(919)-733-3340 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/07/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 6 EA	202.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	BAGFILTER	99.10
		SO2	1.6400 LB/MMBTU	LOW SULFUR COAL, 1%	
		NOX	0.6000 LB/MMBTU	CONTROL OF EXCESS AIR	
		CO	0.6000 LB/MMBTU	CONTROL OF EXCESS AIR	
		ACI*	0.0210 LB/MMBTU	LOW SULFUR COAL, 1%	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/01/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 642.00 MMBTU/H

COMPANY NAME/SITE LOCATION: COGENTRIX MICHIGAN LEASING CORP. — OTSEGO, MI

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 48-87
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
(517)-373-7023 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/31/87
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 3 EA, SEE NOTE #4	214.00 MMBTU/H	PM	0.0300 LB/MMBTU	BACT
			BAGHOUSE	99.10
		SO2	0.4750 LB/MMBTU, NOTE#1	BALT
			1.6700 LB/MMBTU, NOTE#2	
			LIME SPRAY DRYER	90.00
			MAX 3% SULFUR	
		NOX	0.6000 LB/MMBTU, NOTE#1	BACT
			DESIGN & OPERATING PRACTICES	
		CO	0.2000 LB/MMBTU, NOTE#3	BACT
			CO STACK MONITORS	
			DESIGN & OPERATING PRACTICES	

NOTES --------
NOTE#1 - 30 DAY ROLLING AVERAGE. NOTE#2 - 24 HOUR ROLLING AVERAGE. NOTE#3 - 8 HOUR ROLLING AVERAGE. NOTE#4 - SPREADER STOKER, COAL FIRED BOILER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/02/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: COGENTRIX OF ROCKY MOUNT — ROCKY MOUNT, NC

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 6563
DETERMINATION MADE BY NORTH CAROLINA DEM (AGENCY)
SAMMY AMERSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/20/89
ESTIMATED DATE OF START-UP-- 1990
(919)-733-3340 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, SPREADER-STOKER, 4 EA	375.00 MMBTU/H				
		SO2	0.3100 LB/MMBTU	DRY LIME FGD	BACT
		PM	0.0200 LB/MMBTU	FABRIC FILTER	BACT
		PM10	0.0200 LB/MMBTU	FABRIC FILTER	BACT
		NOX	0.6000 LB/MMBTU	CONTROL OF EXCESS AIR	BACT
		CO	0.2000 LB/MMBTU	COMBUSTION CONTROL	BACT
		H2S*	0.0021 LB/MMBTU	DRY LIME FGD	BACT
SILO, ASH/LIME/COAL		PM	0.0080 LB/H	FABRIC FILTER	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 08/31/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: COGENTRIX OF VIRGINIA, INC. — HOPEWELL, VA

DETERMINATION IS B/P FOR A NEW SOURCE.
PERMIT NO. 50950
DETERMINATION MADE BY VIRGINIA APCB (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/12/86
ESTIMATED DATE OF START-UP-- 1987
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 6	200.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		
			6.0000 LB/H		
				BAGHOUSE	99.10
		SO2	1.5200 LB/MMBTU		
			304.0000 LB/H		
		NOX	0.6000 LB/MMBTU		
			120.0000 LB/H		
		CO	0.6000 LB/MMBTU		
			49.2000 LB/H		
		VOC	3.0000 EE-3 LB/MMBTU		
			0.7000 LB/H		
STORAGE BUNKER, COAL, 6	270.00 T/H				
		PM	0.0600 T/YR		
			8.0000 EE-3 LB/H		
				FABRIC FILTER	99.90
SILO, ASH, 2	12.00 T/H				
		PM	0.0600 T/YR		
			0.1600 LB/H		
				BAGFILTER	99.00
UNLOADING COAL CONVEYOR & STACK*	276.30 T/H				
		PM	0.3220 T/YR		
			0.7100 LB/H		
				H2O SPRAY WITH WETTING AGENT/CHEMICAL BINDER	80.00
STORAGE PILE, OPEN & LOADOUT BO*	0.49 ACRE				

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/15/1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		PM		
			H2O SPRAY WITH CHEMICAL WETTING	95.00

NOTES --------
FUELS TO BE USED ARE COAL/DISTILLATION RESIDUE. 430922 T/YR COAL. 1566000 GAL/YR RESIDUE OIL. OFFSET FOR NITROGEN DIOXIDE REQU
IRED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE. DATE ENTERED/UPDATED: 04/15/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 49.90 MW

COMPANY NAME/SITE LOCATION: CORN PRODUCTS — STOCKTON, CA — SAN JOAQUIN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 85-04
DETERMINATION MADE BY EPA REGION IX (AGENCY)

LINH TRAN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/16/85
ESTIMATED DATE OF START-UP-- 1986
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, FLUIDIZED BED	49.90 MW				
		SO2	59.0000 LB/H, 2 H AVG	LIMESTONE INJ.	90.00
		NOX	42.0000 LB/H 50.0000 PPM	STAGED COMBUSTION & AMMONIA INJ.	60.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: CORN PRODUCTS , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. SEE NOTE
DETERMINATION MADE BY SAN JOAQUIN COUNTY APCD (AGENCY)
SEYED SADREDIN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/29/85
ESTIMATED DATE OF START-UP-- 1987
(209)-462-8526 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CIR. FLUIDIZED BED	620.00 MMBTU/H				
		NOX	30.0000	PPMV AT 3% O2	
				NSCR M/INJ. RATE = 5.5 LB NH3/LB NOX	
				STAGED COMBUSTION	
		SO2	1421.0000	LB/D	
				LIMESTONE INJ., 1.6-1 CA/S	90.00
		CO		SEE NOTE	
			1842.0000	LB/D	
				EXCESS AIR & STAGED COMBUST.	
				AUTO AIR/FUEL RATIO CONTROL	
		PM	10.0000	LB/H	
			8.0000	EE-3 GR/DSCF AT 12% CO2	
				BAGHOUSE	
				PNEUMATIC ASH REMOVAL	
SILO, FUEL STORAGE, 2 EA	1700.00 T				
		PM		BAGHOUSE - MAX AIR/CLOTH RATIO = 5 TO 1	99.00
TRUCK UNLOADING	1440.00 T/D				
		PM		BAGHOUSE - MAX AIR/CLOTH RATIO = 5 TO 1	99.00
				TOTAL ENCLOSED M/VENT TO BAGHOUSE	
TRANSFER SYSTEM, COAL	120.00 T/H				
		PM		BAGHOUSE - MAX AIR/CLOTH RATIO = 5 TO 1	99.00
				TOTAL ENCLOSED M/VENT TO BAGHOUSE	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

(CONTINUED) CORN PRODUCTS

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					

NOTES --------
CO EMIS. LIMIT-LAER SUBORDINATE TO NOX LAER, TO BE DETERMINED. NOTE - PERMIT NUMBERS AP84-190, AP84-185AB, AP84-182, AP84-184.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: CPC INTERNATIONAL
CORN PRODUCTS DIVISION , CA

DETERMINATION IS BACT
PERMIT NO. 87-141
DETERMINATION MADE BY SAN JOAQUIN CO. APCD (AGENCY)
SEYED SADREDIN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/02/88
ESTIMATED DATE OF START-UP-- 1988
(209)-468-3474 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, AUXILIARY	178.00 MMBTU/H				
		NOX	684.0000 LB/D, NAT GAS		BACT
			512.0000 LB/D, #2 OIL		
				LOW NOX BURNERS	56.00
				STAGED COMBUSTION	
		SOX	885.6000 LB/D		BACT
			0.2100 LB/MMBTU		
				#2 OIL W/0.2% MAX S CONTENT	
		VOC	150.0000 LB/D		BACT
				FUEL INPUT CONTROL	

NOTES --------
16 HOUR MAXIMUM SWITCH OVER PERIOD.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: EDENSBURG POWER CO. , PA CAMBRIA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 11-306-003
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
BRUCE FRY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/06/88
ESTIMATED DATE OF START-UP--
(412)-645-7100 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUID BED	617.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		BACT
				BAGHOUSE	99.98
		SO2	1.0000 LB/MMBTU, 24H ROLL AVG		BACT
			90.0000 % CONTROL		
				LIMESTONE INJ.	90.00
		NOX	0.6000 LB/MMBTU		BACT
		CO	0.1800 LB/MMBTU		BACT

NOTES --------
CEM FOR O2, SO2, NOX

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: FORT DRUM HEATING PLANT
JONES BLACK RIVER SERVICES
FORT DRUM, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
(518)-457-2044 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/01/87
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB	190.00 MMBTU/H				
		PM	0.0500 LB/MMBTU	BAGHOUSE	
		SO2	1.2000 LB/MMBTU	LIMESTONE IN BED	90.00
		NOX	0.6000 LB/MMBTU	COMBUSTION CONTROL	
		CO	0.2500 LB/MMBTU	COMBUSTION CONTROL	

NOTES --------
PROJECT WAS PROPOSED BEFORE NSPS SUBPART DB WAS PROMULGATED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 400000.00 LB/H STEAM

COMPANY NAME/SITE LOCATION: FORT HOWARD CORP. — GREEN BAY, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 88-AJH-031
DETERMINATION MADE BY WISCONSIN DNR (AGENCY)
ALLEN HUBBARD (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/21/88
ESTIMATED DATE OF START-UP-- 1989
(608)-266-3450 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFBC	505.00 MMBTU/H				
		PM	0.0500 LB/MMBTU		BACT
				BAGHOUSE	
		SO2	0.7000 LB/MMBTU		BACT
			90.0000 % REDUCTION		
				LIMESTONE INJ.	90.00
		NO2	0.4900 LB/MMBTU		BACT
				PROPER BED OPERATION	
		CO	0.2000 LB/MMBTU		BACT
				PROPER BED OPERATION	
		VOC	2.2100 LB/H		SIP
		PB	0.0300 LB/H		SIP
		BE	9.0000 EE-4 LB/H		BACT
		HG	0.0400 LB/H		BACT
		ACI*	3.6000 LB/H		BACT
		VE	10.0000 % OPACITY, 6 MIN AVG		BACT
		FUG*	10.0000 % OPACITY		BACT
				COAL & ASH TRANSFER	

NOTES --------
AUTHORIZED FUELS INCLUDE BITUMINOUS COAL, SUB- BITUMINOUS COAL, PETROLEUM COKE, & FOR START-UPS. NAT GAS/#2 FUEL OIL. CEMS ARE REQUIRED FOR OPACITY (6 MIN AVG), SO2, & NOX (3 H AVG).

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/15/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 77.00 MW

COMPANY NAME/SITE LOCATION: FOSTER WHEELER POWER — MOUNT CARMEL, PA

DETERMINATION IS
PERMIT NO. 49-306-001
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)

BILL SCHILDT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/29/86
ESTIMATED DATE OF START-UP-- 1988
(717)-787-4324 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	283.00 MMBTU/H	PM	0.0300 LB/MMBTU	BACT
			BAGHOUSE	99.90
		NOX	0.6000 LB/MMBTU	BACT
		CO	0.5000 LB/MMBTU	BACT
		SO2	0.2400 LB/MMBTU	BACT
			LIMESTONE INJECTION	
		HF		BACT
		MG		BACT
		VE	20.0000 % OPACITY, WITH 6 MIN/H EXCLUSION	BACT

NOTES --------
EACH BOILER WILL BE SOURCE TESTED THREE TIMES FOR PM,SO2,NOX,CO,HF.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/30/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 25.00 MW

COMPANY NAME/SITE LOCATION: GHF POWER SYSTEMS CO. — HANFORD, CA — KINGS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 86-08
DETERMINATION MADE BY EPA REGION IX (AGENCY)

LINH TRAN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/28/87
ESTIMATED DATE OF START-UP-- 1988
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, ATMOSPHERIC FLUIDIZE*	274.00 MMBTU/H				
		NOX	28.0000 PPM AT 3% O2	STAGED COMBUSTION, AMMONIA INJ.	
		SO2	20.2000 PPM AT 3% O2	LIMESTONE INJ.	
		CO	200.0000 PPM AT 3% O2	AFBC ITSELF	

NOTES --------
LIMESTONE INJECTION AT CA/S MOLAR RATIO OF 1.6 TO 1. PM CONTROLLED BY BAGHOUSE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/20/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: GNF POWER SYSTEMS CO., INC. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 31130-31133,30686
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
S. LOPEZ (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/11/88
ESTIMATED DATE OF START-UP--
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, CIRCULATING FLUIDIZE*	202.00 MMBTU/H				
		NOX	360.0000 LB/D		BACT
			0.0740 LB/MMBTU		
				AMMONIA INJECTION SYSTEM	
		SO2	528.0000 LB/D		BACT
			0.1090 LB/MMBTU		
				0.05% S FUEL OIL	
				SORBENT INJECTION SYSTEM	
		PM	30.0000 LB/D		
			0.0050 GR/DSCF AT 12% CO2		
				BAGHOUSE, PULSEJET	
		CO	550.0000 LB/D		
			0.0900 LB/MMBTU		
				BEST ENGINEERING PRACTICES	

NOTES --------
COMBUSTOR MAY FIRE COAL & 0.05% S FUEL OIL FOR NO MORE THAN 88 DAYS/YEAR. PM MASS EMISSION LIMIT INCLUDES PM EMISSIONS FROM OT HER SOURCES. PM LIMIT APPLIES TO THE COMBUSTOR BAGHOUSE OUTLET.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 80.00 MW

COMPANY NAME/SITE LOCATION: J. PAGNOTTI ENTERPRISES — HAZELTON, PA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 40-306-006
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/01/86
ESTIMATED DATE OF START-UP-- 1987
(717)-787-4324 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	1082.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	BAGHOUSE/CYCLONE	BACT
		SO2	0.2200 LB/MMBTU	LIMESTONE INJECTION	BACT
		NOX	0.4000 LB/MMBTU		BACT

NOTES ---------
CEM-VE, NOX, SO2, O2.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/30/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: MOUNT POSO COGENERATION CO. , CA KERN COUNTY

DETERMINATION IS
PERMIT NO. SJ 86-09
DETERMINATION MADE BY EPA REGION IX (AGENCY)

DATE OF PERMIT ISSUANCE-- 01/12/87
ESTIMATED DATE OF START-UP-- 1989

MATT HABER (AGENCY CONTACT PERSON)
(415)-974-8209 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	50.00 MW				
		NOX	0.1000 LB/MMBTU		TECH
				FLUID BED COMBUST, PRIMARY/SEC. AIR, AMMONIA I*	50.00
		SO2	0.0400 LB/MMBTU		TECH
				LIMESTONE IN BED	90.00
		CO	50.0000 LB/H		
				CONTROL OF OVERFIRE AIR	
		PM	0.0100 GR/DSCF AT 12% CO2		
				BAGHOUSE	
		RAD*	0.0100 GR/DSCF AT 12% CO2		
				BAGHOUSE	

NOTES --------
NOX MASS EMISSION LIMIT = 58.6 LB/H. SO2 MASS EMISSION LIMIT = 25.0 LB/H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: MOUNT POSO COGENERATION CO. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4177005
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SILO, LIME STORAGE	50.00 T	PM	0.5100 LB/D FABRIC COLLECTOR LIMITED TO TRANSFER RATE OF 50 T/D	BACT 99.80

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/17/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 90.00 MW

COMPANY NAME/SITE LOCATION: NORTH BRANCH ENERGY PARTNERS LP — ROBINSON TOWNSHIP, PA, WASHINGTON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 63-306-004
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY) — BRUCE FRY (AGENCY CONTACT PERSON) — (412)-645-7129 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/26/88
ESTIMATED DATE OF START-UP-- 1991

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB, 2 EA	563.00 MMBTU/H				
		PM	0.0300 LB/MMBTU	FABRIC COLLECTOR	B/N 99.00
		PM10	0.0280 LB/MMBTU	FABRIC COLLECTOR	BACT
		SO2	0.9100 LB/MMBTU, 30D ROLL AVG 90.0000 % CONTROL	LIMESTONE INJ.	BACT
		NOX	0.6000 LB/MMBTU		BACT
		CO	0.1500 LB/MMBTU		BACT
		VOC	0.0200 LB/MMBTU		BACT

NOTES --------
FUEL IS BITUMINOUS COAL WASTE - 4589 BTU/LB, 2.08 WT% S, 55.93 WT% ASH. INITIAL STACK TESTS - PM,SO2, NOX,VOC, & CO -- ALSO HG ,BE,PB,AS, & FLUORIDES. CONTINUOUS MONITORING - VE,SO2,NOX, & O2. DEPARTMENT RESERVES RIGHT TO ADD CEM FOR CO.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 140.00 MW

COMPANY NAME/SITE LOCATION NORTHEASTERN POWER CO. , PA
SCHUYLKILL COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 54-306-006
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/27/86
ESTIMATED DATE OF START-UP--
(717)-787-9256 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	540.00 MMBTU/H				
		PM	0.0280 LB/MMBTU	FABRIC FILTER	BACT
		SO2	0.3200 LB/MMBTU		BACT
		NOX	0.6000 LB/MMBTU		BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/29/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 49.00 MW

COMPANY NAME/SITE LOCATION: NORTHEASTERN POWER CO. — KLINE TOWNSHIP, PA, SCHUYLKILL COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 54-306-006
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
MIKE SAFKO (AGENCY CONTACT PERSON)
(717)-826-2531 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/17/88
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB	513.00 MMBTU/H				
		PM	0.0280 LB/MMBTU		BACT
				FABRIC FILTER	99.00
		SO2	0.3200 LB/MMBTU		BACT
			0.5000 % S		
				LIMESTONE INJ.	
		NOX	0.6000 LB/MMBTU		B/N

NOTES ---------
ANTHRACITE COAL/CULM 12700 BTU/LB. OPACITY, SO2, NOX CONTINUOUS MONITORS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: NORTHERN ENERGY GROUP — CHATEAUGAY, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 163400 0116 00001
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
(518)-457-2044 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/11/85
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	250.00 MMBTU/H				
		PM	0.0800 LB/MMBTU AT 12% CO2	ELECTRIC GRAVEL BED	BACT 94.00
		NOX	0.1700 LB/MMBTU	COMBUSTION CONTROL	BACT
		CO	0.3500 LB/MMBTU	COMBUSTION CONTROL	BACT
		VOC	0.1000 LB/MMBTU	COMBUSTION CONTROL	BACT

NOTES --------
CONSTRUCTION NOT COMMENCED AS OF APRIL 1985. PROJECT HAS INCREASED FROM 200 TO 250 MMBTU/H IN APRIL 1987. MODIFICATION NOT SUBJECT TO PSD, PM LIMITS DECREASED FROM 0.1 LB/MMBTU TO 0.08 LB/MMBTU.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 80.00 MW

COMPANY NAME/SITE LOCATION: PANTHER CREEK ENERGY , PA — CARBON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 13-306-001
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)

BILL SCHILDT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/17/88
ESTIMATED DATE OF START-UP-- 1990
(717)-787-9256 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	1170.00 MMBTU/H	PM	0.0300 LB/MMBTU	BAGHOUSE	B/N 99.00
		SO2	0.3300 LB/MMBTU		B/N 85.00
		NOX	0.4200 LB/MMBTU		BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/31/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL 49.90 MW

COMPANY NAME/SITE LOCATION: PYROPOWER CORP. , CA KERN COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 4149001A-004
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)

TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/01/86
ESTIMATED DATE OF START-UP--
(305)-361-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COGENERATION UNIT, COAL FIRED	640.00 MMBTU/H	PM	4.7300 LB/MMBTU	EE-3 GR/ACF	BACT
			7.9200 LB/H	FABRIC COLLECTOR, SEE NOTES	99.90 LAER
		SOX	0.0390 LB/MMBTU		
			25.0000 LB/H	LIMESTONE INJ. AT 0.07 LB/LB COAL	96.20 LAER
		NOX	0.0920 LB/MMBTU		
			58.6000 LB/H	AMMONIA INJ./STAGED COMBUSTION/SEE NOTES	53.00

NOTES --------
FABRIC COLLECTOR AIR/CLOTH RATIO = 3.8/1. STAGED COMBUSTION, 20% EXCESS AIR. LOW TEMPERATURE COMBUSTION, 1600F MAX. AMMONIA IN J. TO ACCOMPLISH 50% NOX REDUCTION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 36.00 MW

COMPANY NAME/SITE LOCATION: RIO BRAVO REFINING CO. , CA — KERN COUNTY

DETERMINATION IS BACT
PERMIT NO. SJ 85-07
DETERMINATION MADE BY EPA REGION IX (AGENCY)

JAMES HANSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/19/80
ESTIMATED DATE OF START-UP-- 1988
(415)-974-8218 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUIDIZED BED, COAL FIR*	36.00 MW	SO2	20.0000 PPM AT 3% O2 LIMESTONE INJ./MOLAR RATIO CA/S = 1.6/1	BACT 96.00
		NOX	78.0000 PPM AT 3% O2 AMMONIA INJ. NH3/NOX RATIO OF 6.1/1 MEIGHT BAS*	BACT 50.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL 36.00 MW

COMPANY NAME/SITE LOCATION: RIO BRAVO REFINING CO. , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 85-06
DETERMINATION MADE BY EPA REGION IX (AGENCY)
JIM HANSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/22/86
ESTIMATED DATE OF START-UP-- 1988
(415)-974-8218 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUIDIZED BED, COAL FIR*	389.00 MMBTU/H	SO2	20.0000 PPM AT 3% O2 14.0000 LB/H	LIMESTONE INJ. AT CA/S RATIO = 1.6 TO 1	95.00
		NOX	78.0000 PPM AT 3% O2 38.9000 LB/H	NH3 INJ. AT NH3/NOX RATIO = 6.1 TO 1, BY WT.	50.00
		CO	105.1000 LB/H	COMBUSTION CONTROLS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/20/1987
SOURCE TYPE CODE 1.1

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 16.50 MW

COMPANY NAME/SITE LOCATION: SCE - BIOGEN POWER PROJECT , CA
IVANPAH VALLEY, 3 MI. WEST OF CA-NV BOR*

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. SE 85-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/26/85
ESTIMATED DATE OF START-UP-- 1986
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFBC, COAL FIRED	212.00 MMBTU/H				
		NOX	34.0000	PPM DRY, SEE NOTE	
			9.2000	LB/H, SEE NOTE	
				SELECTIVE NON-CATALYTIC REDUCTION, NH3 INJ.	80.00
		SO2	23.0000	PPM DRY, SEE NOTE	
			9.4000	LB/H, SEE NOTE	
				LIMESTONE INJECTION	92.00
		PM	0.0100	GR/DSCF AT 3% O2, SEE NOTE	
			4.5000	LB/H, SEE NOTE	
				BAGHOUSE	99.90
		CO	150.0000	PPM DRY, SEE NOTE	
			25.2000	LB/H, SEE NOTE	
				BOILER COMBUSTION CONTROLS	
		VE	10.0000	% OPACITY, MAX, SEE NOTE	
				BAGHOUSE	

NOTES --------
FUGITIVE EMISSIONS FROM COAL/LIMESTONE STORAGE, CONVEYING & TRANSFER POINTS, & ASH HANDLING ARE CONTROLLED BY FABRIC FILTRATIO
N SYSTEMS & ASH STORAGE SILOS. APPROX. 99% CONTROL EFFICIENCY IS EXPECTED.
NOTE - ALL ABOVE LIMITS ARE MEASURED ON A 3 HOUR AVERAGE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 80.00 MW

COMPANY NAME/SITE LOCATION: SCRUBGRASS POWER CORP. — SCRUBGRASS TOWNSHIP, PA, VENANGO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 61-306-001
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY) — WILLIAM CHARLTON (AGENCY CONTACT PERSON) — (814)-724-8530 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/18/89
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFB, COAL WASTE FIRED, 2	599.00 MMBTU/H				
		PM10	0.0300 LB/MMBTU	FABRIC COLLECTOR	BACT
		PM	0.0300 LB/MMBTU	FABRIC COLLECTOR	B/N 99.96
		SO2	0.4500 LB/MMBTU	LIMESTONE INJ	BACT 95.00
		NOX	0.3000 LB/MMBTU	COMBUSTION CONTROL	BACT
		CO	0.1000 LB/MMBTU		BACT
		VOC	0.0050 LB/MMBTU		BAT
		VE	10.0000 % OPACITY, 3 MIN/H 30.0000 % OPACITY, MAX		BACT

NOTES --------
AVERGING PERIOD FOR SO2,NOX,CO, & VOC ARE ALL 1 HOUR. CONTINUOUS MONITORING FOR VE,SO2,O2, & NOX. TESTING REQUIREMENTS FOR AS, BE,CD,CRVI,PB,HG, & NI.
FUEL IS BITUMINOUS COAL WASTE - 6500 BTU/LB, 3% S , 46% ASH

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 40.00 MW

COMPANY NAME/SITE LOCATION: SHERIDAN COAL CO. — PORTER TOWNSHIP, PA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 54-306-005
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/01/86
ESTIMATED DATE OF START-UP-- 1987
(717)-787-4324 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	550.00 MMBTU/H	PM	0.0300 LB/MMBTU	BAGHOUSE/CYCLONE	BACT
		SO2	0.2500 LB/MMBTU	LIMESTONE INJECTION	BACT
		NOX	0.6000 LB/MMBTU		BACT

NOTES --------
CEM-SO2,O2,NOX,VE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/30/1987

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL 40.00 MW

COMPANY NAME/SITE LOCATION SIGNAL FRACKVILLE ENERGY , PA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 54-306-002
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/02/85
ESTIMATED DATE OF START-UP-- 1988
(717)-787-9256 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER		PM	0.0120 LB/MMBTU	BAGHOUSE	BACT 99.90
		SO2	0.2100 LB/MMBTU	LIMESTONE INJ.	BACT
		NOX	0.4000 LB/MMBTU		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/29/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: TENNESSEE VALLEY AUTHORITY
SHAWNEE STEAM PLANT
PADUCAH, KY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-86-82
DETERMINATION MADE BY KENTUCKY DAPC (AGENCY)
JAMES DILLS (AGENCY CONTACT PERSON)
(502)-564-3382 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/15/86
ESTIMATED DATE OF START-UP-- 1968

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, AFBC, COAL FIRED	1430.00 MMBTU/H	PM	0.0300 LB/MMBTU	BAGHOUSE	NSPS 99.00
		SO2	0.8600 LB/MMBTU	LIMESTONE INJ. INTO FLUIDIZED BED	N/A 90.00
		NOX	0.6000 LB/MMBTU		NSPS NAAQ
		CO	0.4000 LB/MMBTU		
		VOC	NONE		
		VE	20.0000 % OPACITY		NSPS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: TENNESSEE VALLEY AUTHORITY — PADUCAH, KY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C-85-181
DETERMINATION MADE BY KENTUCKY DAPC (AGENCY)
JAMES DILLS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/13/85
ESTIMATED DATE OF START-UP-- 1986
(502)-564-3382 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, AFBC, COAL FIRED	200.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		BACT
				BAGHOUSE	98.85
		SO2	1.2000 LB/MMBTU		BACT
				LIMESTONE INJ. INTO FLUIDIZED BED	83.93
		NOX	0.5600 LB/MMBTU		BACT
		CO		NONE	
		VOC		NONE	
		VE	20.0000 % OPACITY		

NOTES --------
PERMIT WAS ISSUED TO INCREASE THE ANNUAL COAL USAGE RATE FROM 26400 TO 40000 TONS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: TENNESSEE VALLEY AUTHORITY, SHAWNEE STEAM PLANT, PADUCAH, KY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C 88-040
DETERMINATION MADE BY KENTUCKY DAQ (AGENCY)

JAMES DILLS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/04/88
ESTIMATED DATE OF START-UP-- 1988
(502)-564-3382 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, AFBC, COAL FIRED	1579.00 MMBTU/H	PM	0.0300 LB/MMBTU	BAGHOUSE	B/N 99.00
		SO2	1.2000 LB/MMBTU	LIMESTONE INJ., FLUIDIZED BED	NAB 90.00
		NOX	0.6000 LB/MMBTU		B/N
		CO	0.4000 LB/MMBTU		NAAQ
		VE	20.0000 % OPACITY		NSPS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: TULTEX CORP. — MARTINSVILLE, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30244
DETERMINATION MADE BY VIRGINIA APCB (AGENCY)

KATHERINE MILLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/18/86
ESTIMATED DATE OF START-UP-- 1987
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, HEINE, 2	12.00 MMBTU/H				
		PM	0.4300 MMBTU/H		
			5.2000 LB/H EA		
				SETTLING CHAMBER	35.00
		SO2	1.0300 LB/MMBTU		
			12.3900 LB/H EA		
				0.9% SULFUR IN COAL BY WT.	
		VOC	0.5800 LB/H EA		
			4.5500 T/YR TOTAL		
		NO2	0.3500 LB/MMBTU		
			4.2200 LB/H EA		
		CO	4.8800 LB/H EA		
			38.5000 T/YR TOTAL		
BOILER, OIL FIRED, CLEAVER-BROO*	93.30 MMBTU/H				
		PM	1.3300 LB/H		
			3.5000 T/YR		
		SO2	0.5100 LB/MMBTU		
			47.3400 LB/H		
				0.5% SULFUR IN OIL BY WT.	
		VOC	0.2600 LB/H		
			1.1400 T/YR		
		NO2	0.1400 LB/MMBTU		
			13.3300 LB/H		
		CO	3.3300 LB/H		
			8.7500 T/YR		

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, NAT GAS FIRED, 12	3.00 MMBTU/H			
		NO2	>.6000 LB/H	
			5.7700 T/YR	
		CO	0.7200 LB/H	
			3.1500 T/YR	

NOTES --------
NOTE 1-CONSTRUCTION OF A #2 OIL FIRED BOILER, NAT GAS FIRED DRYERS & DYEING EQUIP. NOTE 2-THE 93.3 MMBTU/H OIL FIRED BOILER & OTHER OIL FIRED UNITS COMBINED SHALL CONSUME NO MORE THAN 3.5 MMGAL/YR OF #2 FUEL OIL. NOTE 3-THE EXISTING 12 MMBTU/H BOILERS (HEINE) SHALL CONSUME NO MORE THAN 7000 T/YR OF COAL. NOTE 4-NO MORE THAN 2 OF THE 3 HEINE BOILERS, COAL FIRED, SHALL BE OPERATED AT ANY ONE TIME.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION UNION CAMP FRANKLIN, VA ISLE OF WIGHT COUNTY

DETERMINATION IS B/P FOR A MODIFIED SOURCE.
PERMIT NO. 60214
DETERMINATION MADE BY VIRGINIA APCB (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/01/85
ESTIMATED DATE OF START-UP-- 1985
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	245.00 MMBTU/H	PM	53.6600 T/YR	ESP & MULTICYCLONE	99.00
		SO2	1606.0000 T/YR	1% SULFUR CONTENT	
		NOX	643.8600 T/YR	ENGINEERING DESIGN	

NOTES --------
NOTE 1 - THE NEW 245 MMBTU/H COAL FIRED BOILER REPLACED TWO EXISTING OIL FIRED POWER BOILERS. NOTE 2 - PM EMISSIONS FROM COAL & ASH HANDLING SYSTEMS WILL BE CONTROLLED BY WET SUPPRESSION. NOTE 3 - PERFORMANCE TESTING REQUIRED.
NOTE #4 - PSD SOURCE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/15/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 577.00 MMBTU/H

COMPANY NAME/SITE LOCATION: UNITED DEVELOPMENT GROUP - NIAGARA INC.
5400 FRONTIER AVE.
NIAGARA FALLS, NY
NIAGARA COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
(518)-457-2044 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/25/88
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUIDIZED BED, COAL FIR*	577.00 MMBTU/H	NOX	0.5000 LB/MMBTU	COMBUSTION CONTROL	BACT 65.00
		SO2	0.5000 LB/MMBTU	3% SULFUR IN COAL LIMESTONE INJECTION	BACT 90.00
		CO	0.2000 LB/MMBTU	COMBUSTION CONTROL	BACT
		PM	0.0220 LB/MMBTU	PULSE JET BAGHOUSE	LAER 99.80
		PM10	0.0220 LB/MMBTU	PULSE JET BAGHOUSE	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/24/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 400.00 MW

COMPANY NAME/SITE LOCATION: UTAH POWER & LIGHT CO. — CASTLEDALE, UT

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY UTAH BAQ (AGENCY) — L. MENLOVE (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/01/86
ESTIMATED DATE OF START-UP-- 1986
(801)-538-6108 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, HUNTER UNIT #2	400.00 MW				
		NOX	0.4900 LB/MMBTU		BACT
				LOW NOX BURN	35.00
		SO2	1.2000 LB/MMBTU		NSPS
					80.00
		PM	0.1000 LB/MMBTU		NSPS
				ESP	99.00

NOTES --------
NOX CONTROL=LOW NOX CONCENTRIX FIRING SYSTEM. LNCFS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/02/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL 30.00 MW

COMPANY NAME/SITE LOCATION: WESTWOOD ENERGY PROPERITES , PA SCHUYLKILL COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 54-306-004
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/06/86
ESTIMATED DATE OF START-UP-- 1987
(717)-787-9256 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	425.00 MMBTU/H	PM	0.0300 LB/MMBTU	FABRIC FILTER	B/N 99.92
		SO2	0.2000 LB/MMBTU	LIMESTONE INJ.	BACT 93.60
		NOX	0.6000 LB/MMBTU		BACT

NOTES --------
FUEL - ANTHRACITE COAL. 0.54% SULFUR, 3830 BTU/LB

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/29/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1500.00 MW

COMPANY NAME/SITE LOCATION: WHITE PINE POWER PROJECT
48 MILES NORTH OF ELY — ELY, NV — WHITE PINE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 996 THRU 1007
DETERMINATION MADE BY NEVADA DEP (AGENCY)

GLEN GENTRY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/06/85
ESTIMATED DATE OF START-UP-- 1987
(702)-885-4670 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	750.00 MW	PM	0.0200 LB/MMBTU 160.9000 LB/H	BAGHOUSE	BACT 99.60
		VE	20.0000 % OPACITY		BACT
		SO2	0.1900 LB/MMBTU 1490.0000 LB/H	FGD LIME SPRAY ADSORPTION/DRYING	84.00
		CO	383.0000 LB/H	PROPER BOILER OPERATION	NAAQ
		F	24.0000 LB/H	PROPER BOILER OPERATION	NAAQ
		H2S*	35.6000 LB/H	PROPER BOILER OPERATION	NAAQ
		NOX	0.5500 LB/MMBTU, BIT. COAL 0.4500 LB/MMBTU, SUB. COAL	PROPER BOILER DESIGN & COMBUSTION TECHNIQUES	NAAQ
		HG	0.0500 LB/H 0.0060 G/SEC	PROPER BOILER OPERATION	

NOTES ---------
SO2 - 30 DAY ROLLING AVERAGE

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/25/1985

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 80.00 MW

COMPANY NAME/SITE LOCATION: WISCONSIN ELECTRIC POWER CO. PORT WASHINGTON POWER PLANT — PORT WASHINGTON, WI

DETERMINATION IS
PERMIT NO. 85-AJH-049
DETERMINATION MADE BY WISCONSIN DNR (AGENCY)
ALLEN HUBBARD (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(608)-266-3450 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, PFBC	825.00 MMBTU/H				
		PM	0.0200 LB/MMBTU	ESP	BACT
		SO2	1.2000 LB/MMBTU		NSPS
			90.0000 % REDUCTION	DOLOMITE INJECTION	90.00
		NOX	0.5000 LB/MMBTU	PROPER COMBUSTION	BACT
		CO	0.0900 LB/MMBTU	PROPER COMBUSTION	BACT
		PB	1.9000 EE-4 LB/MMBTU	ESP	BACT
		BE	6.5000 EE-6 LB/MMBTU	ESP	BACT
		F	0.0072 LB/MMBTU	ESP	BACT
		HG	1.0000 UG/CUBIC METER, 30D AVG		SIP
		VE	10.0000 % OPACITY	ESP	BACT
		FUG*	20.0000 % OPACITY		BACT

NOTES --------
WISCONSIN ELECTRIC REQUESTED THAT THE PERMIT BE HELD IN ABEYANCE INDEFINITELY. THE PERMIT WAS COMPLETED, BUT NOT ISSUED. HOWEV ER, PSD PM BASELINE WAS SET & EIGHT BACT DETERMINATIONS WERE MADE. THE PROPOSED PRECIPITATOR WAS A SPECIAL HIGH TEMPERATURE , HIGH PRESSURE UNIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/29/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 11968.00 MMBTU/H

COMPANY NAME/SITE LOCATION: MM. H. ZIMMER GENERATING STATION — MOSCOW, OH — CLERMONT COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1036
DETERMINATION MADE BY SOUTHWESTERN OHIO APCA (AGENCY)
THOMAS TUCKER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/05/87
ESTIMATED DATE OF START-UP-- 1991
(513)-251-8777 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	11968.00 MMBTU/H				
		PM	0.0250 LB/MMBTU		BACT
				ESP	99.50
		VE	20.0000 % OPACITY		NSPS
				ESP	
		SO2	0.5480 LB/MMBTU		BACT
				MAGNESIUM-ENHANCED LIME FGD	91.00
		NOX	0.6000 LB/MMBTU		NSPS
				LOW NOX BURNERS	35.00

NOTES --------
NOX EFFICIENCY ESTIMATED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL

COMPANY NAME/SITE LOCATION: BERRY HOLDING CO. , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. SEE NOTE
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/02/85
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM	31.50 MMBTU/H	NOX	0.2000 LB/MMBTU 6.2600 LB/H	LOW NOX BURNER FLUE GAS RECIRCULATION	BACT 61.80
GENERATOR, STEAM	31.50 MMBTU/H	NOX	0.2000 LB/MMBTU 6.2600 LB/H	LOW NOX BURNERS FLUE GAS RECIRCULATION	BACT 61.80
		SO2	2.2400 LB/H 0.0460 LB/MMBTU	CAUSTIC SOX SCRUBBER, PACKED TOWER	BACT 95.00
GENERATOR, STEAM, OIL FIRED	62.50 MMBTU/H	NOX	7.5000 LB/H	LOW NOX BURNERS FLUE GAS RECIRCULATION	BACT 70.00
GENERATOR, STEAM, OIL FIRED	62.50 MMBTU/H	NOX	7.5000 LB/H	LOW NOX BURNERS FLUE GAS RECIRCULATION	BACT 70.00
		SO2	4.4500 LB/H	CAUSTIC SOX SCRUBBER, PACKED TOWER	BACT 95.00

NOTES --------
PERMIT NUMBERS 4016014A, 4016015B, 4016015A, 4016022, 4016023.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL

COMPANY NAME/SITE LOCATION: EXETER ENERGY LIMITED PARTNERS
STERLING INDUSTRIAL PARK
STERLING, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 176-0004
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)

SUSAN AMARELLO (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/28/89
ESTIMATED DATE OF START-UP-- 1991
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... & BASIS CONTROL EQUIPMENT OR PROCESS MODIFICATION ... PCT EFF
GENERATOR, DIESEL FIRED	11.20 MMBTU/H	PM	0.2460 LB/MMBTU MAX OPERATING HRS - 400 H/YR
		SOX	0.2290 LB/MMBTU
		NOX	3.4340 LB/MMBTU
		VOC	0.2350 LB/MMBTU
		CO	0.7460 LB/MMBTU
		PB	3.0700 E-6 LB/MMBTU

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL

COMPANY NAME/SITE LOCATION: EXETER ENERGY LIMITED PARTNERSHIP, STERLING INDUSTRIAL PARK — STERLING, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 176-0004
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)

SUSAN AMARELLO (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/28/89
ESTIMATED DATE OF START-UP-- 1991
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, DIESEL FIRED	11.20 MMBTU/H				
		PM	0.2460 LB/MMBTU		
		SO2	0.2290 LB/MMBTU		
		NOX	3.4340 LB/MMBTU		
		VOC	0.2350 LB/MMBTU		
		CO	0.7460 LB/MMBTU		
		PB	3.0700 E-6 LB/MMBTU		

NOTES --------
MAXIMUM OPERATING HOURS - 400 H/YR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL

COMPANY NAME/SITE LOCATION: GEORGIA PACIFIC — FRANKLIN, OH — WARREN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1315
DETERMINATION MADE BY SOUTHWESTERN OHIO APCA (AGENCY)
LAWRENCE HARRELL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/12/87
ESTIMATED DATE OF START-UP-- 1987
(513)-251-8777 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MATL HANDLING & HEATER	25.00 T/H				
		PM	0.0300 GR/DSCF		BACT
				BAGHOUSE	99.60
		VE	1.0000 % OPACITY		NSPS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 208.00 MMBTU/H

COMPANY NAME/SITE LOCATION: GEORGIA-PACIFIC CORP. — FRANKLIN, OH — WARREN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1043
DETERMINATION MADE BY SOUTHWEST OHIO APCA (AGENCY) — THOMAS TUCKER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1986
(513)-251-8777 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... # BASIS ... PCT EFF
BOILER, #6 OIL FIRED	118.00 MMBTU/H				
		PM	0.0900 LB/MMBTU	LIMIT S IN OIL TO 1%	BACT
		SO2	1.0600 LB/MMBTU	LIMIT S IN OIL TO 1%	BACT
		NOX	0.3000 LB/MMBTU	LOW EXCESS AIR COMBUSTION	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/15/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 198.00 MMBTU/H

COMPANY NAME/SITE LOCATION: GMC-CPC HAMILTON-FAIRFIELD — FAIRFIELD, OH — BUTLER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-1074
DETERMINATION MADE BY SOUTHWEST OHIO APCA (AGENCY) — LAWRENCE HARRELL (AGENCY CONTACT PERSON) — (513)-251-8777 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/31/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WASTE OIL FIRED	27.00 MMBTU/H				
		AS		SEE NOTES	BACT
				WASTE OIL SPECS	
		CD		SEE NOTES	BACT
		CR		SEE NOTES	BACT
		PB		SEE NOTES	BACT
		SO2	1.1000 LB/MMBTU		BACT
				LIMIT SULFUR CONTENT OF FUEL	

NOTES --------
SPECS FOR WASTE OIL - ARSENIC 5 PPM MAX., CR 10 PPM MAX., CD 2 PPM MAX., PB 100 PPM MAX., FLASH POINT 100 F MIN., TOTAL HALOGE
NS 4000 PPM.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/15/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL

COMPANY NAME/SITE LOCATION: NORTHEAST UTILITIES, NNECO — WATERFORD, CT
ROPE FERRY RD

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 199-0001
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)

DATE OF PERMIT ISSUANCE-- 09/23/88
ESTIMATED DATE OF START-UP-- 1975

SUSAN AMARELLO (AGENCY CONTACT PERSON)
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, DIESEL FIRED	28.30 MMBTU/H	PM	0.2000 LB/MMBTU		
		SOX	0.2200 LB/MMBTU		
		NOX	3.2600 LB/MMBTU		
		VOC	0.2200 LB/MMBTU		
		CO	0.7100 LB/MMBTU		
		PB	2.9000 E-6 LB/MMBTU		

NOTES --------
0.5% SULFUR CONTENT #2 OIL & MAXIMUM OPERATING HOURS OF 867 PER YEAR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 30.90 MMBTU/H

COMPANY NAME/SITE LOCATION: OWENS-ILLINOIS INC. LIBBY GLASS DIVISION — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-367
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
DALE KRYGIELSKI (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/26/86
ESTIMATED DATE OF START-UP-- 1986
(419)-693-0350 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, OIL FIRED, 3 EA	10.30 MMBTU/H	PM	0.0200 LB/MMBTU	NAT GAS/#2 OIL FIRING	SIP
		SO2	0.5200 LB/MMBTU	NAT GAS/#2 OIL FIRING	SIP
		NOX	0.1450 LB/MMBTU	NAT GAS/#2 OIL FIRING	SIP
		CO	0.0400 LB/MMBTU	NAT GAS/#2 OIL FIRING	SIP
		VOC	0.0030 LB/MMBTU	NAT GAS/#2 OIL FIRING	SIP

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/02/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 250.00 MMBTU/H

COMPANY NAME/SITE LOCATION: PETRO-LEWIS CORP.
SOUTH BELRIDGE OIL FIELD , CA KERN COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. SJ 83-09
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/07/84
ESTIMATED DATE OF START-UP-- 1985
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 5, EA	50.00 MMBTU/H	NOX	0.1200 LB/MMBTU	LO-NOX BURNERS	LAER 70.00
		SO2	0.0520 LB/MMBTU	2-STAGE VENTURI-EDUCTOR SCRUBBERS	BACT 95.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/10/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 62.50 MMBTU/H

COMPANY NAME/SITE LOCATION: UNICAL , CA — KERN COUNTY

DETERMINATION IS
PERMIT NO. 4051033E
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)

TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/27/85
ESTIMATED DATE OF START-UP-- 1985
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, OIL FIRED	62.50 MMBTU/H	SUL*	54.6800 LB/D FLUE GAS SCRUBBER	BACT 30.00

NOTES --------
OPERATES 24 H/D, 365 D/YR. THIS HAS A REVISED SO4 EMISSION LIMIT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 0.15 MMBTU/H

COMPANY NAME/SITE LOCATION: VIRGINIA DEPT. OF TRANSPORTATION
CUCKOO AREA HEADQUARTERS , VA
LOUISA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (3)40757
DETERMINATION MADE BY VIRGINIA SAPCB (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
(804)-786-4867 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/13/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
HEATER, SPACE	0.15 MMBTU/H	PCB	49.0000 PPM, MAX	TESTING
		AS	5.0000 PPM, MAX	TESTING
		CD	2.0000 PPM, MAX	TESTING
		CR	10.0000 PPM, MAX	TESTING
		HAL*	1000.0000 PPM, MAX	TESTING
		FLA*	100.0000 DEG. F	TESTING
		PB	100.0000 PPM, MAX	TESTING

NOTES --------
CONSTRUCTION OF A USED OIL BURNING SPACE HEATER. SOURCE PERMITTED BECAUSE OF NON-CRITERIA POLLUTANTS ARSENIC, CADMIUM, & CHROMIUM. ANNUAL TESTING TO VERIFY CONCENTRATION LEVELS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/23/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 0.15 MMBTU/H

COMPANY NAME/SITE LOCATION: VIRGINIA DEPT. OF TRANSPORTATION
ZION CROSSROADS AREA , VA LOUISA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (3)40756
DETERMINATION MADE BY VIRGINIA SAPCB (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/13/87
ESTIMATED DATE OF START-UP-- 1987
(804)-786-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
HEATER, SPACE	0.15 MMBTU/H	PCB	49.0000 PPM, MAX TESTING	
		AS	5.0000 PPM, MAX TESTING	
		CD	2.0000 PPM, MAX TESTING	
		CR	10.0000 PPM, MAX TESTING	
		HAL*	1000.0000 PPM, MAX TESTING	
		FLA*	100.0000 DEG. F TESTING	
		PB	100.0000 PPM, MAX TESTING	

NOTES --------
CONSTRUCTION OF A USED OIL BURNING SPACE HEATER. SOURCE PERMITTED BECAUSE OF NON-CRITERIA POLLUTANTS ARSENIC, CADMIUM, & CHROMIUM.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/23/1987
SOURCE TYPE CODE 1.2

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL

COMPANY NAME/SITE LOCATION: WISCONSIN TISSUE MILLS, INC. — MONASKA, WI
TAYCO & THIRD ST

DETERMINATION IS
PERMIT NO. 88-DLJ-024
DETERMINATION MADE BY WISCONSIN DNR (AGENCY)
DANIEL JOHNSTON (AGENCY CONTACT PERSON)
(608)-267-9500 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/10/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 TOTAL	146.40 MMBTU/H				
		PM	0.0900 LB/MMBTU	1% S, #6 OIL	BACT
		SO2	1.1000 LB/MMBTU	1% S, #6 OIL	BACT
		NOX	0.3800 LB/MMBTU	LOW EXCESS AIR	BACT
		BE		1% S, #6 OIL	BACT

NOTES --------
TWO BOILERS HAVE A COMMON STACK.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/15/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS — 78.00 MMBTU/H

COMPANY NAME/SITE LOCATION: ARKANSAS EASTMAN CO. — BATESVILLE, AR

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 829-A
DETERMINATION MADE BY ARKANSAS DPC (AGENCY)
SUSAN LOHR (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/14/87
ESTIMATED DATE OF START-UP-- 1987
(501)-562-7444 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, #4	78.00 MMBTU/H				
		PM	0.4000 LB/H	NO CONTROLS	AP42
		SO2	1.2000 LB/H	MAX SULFUR LIMIT	
		NOX	13.3000 LB/H		AP42
		VOC	0.3000 LB/H		AP42
		CO	2.9000 LB/H		

NOTES --------
BOILER IS FIRED WITH NATURAL GAS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 08/10/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS — 20.00 MW

COMPANY NAME/SITE LOCATION: CALCOGEN, CAL POLYTECHNIC INSTITUTE — SAN LUIS OBISPO, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SCC 83-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/26/84
ESTIMATED DATE OF START-UP-- 1984
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	21.40 MW				
		NOX	42.0000 PPM AT 15% O2	WATER INJECTION	76.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/10/1984

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: CHEVRON USA, INC. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30331
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
E. LINDER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/06/87
ESTIMATED DATE OF START-UP-- 1989
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE & DUCT BURNER, 2 OF EACH	99.00 MW TOTAL	NOX	1500.0000 LB/D 10.0000 PPMVD AT 15% O2	SELECTIVE CATALYTIC REDUCTION STEAM INJ.	BACT

NOTES --------
APPLICANT WILL USE ALL ELECTRICITY GENERATED ON SITE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION DOUGLAS AIRCRAFT CO. , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 144594 THRU 96
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY)

TRAN YO (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/23/87
ESTIMATED DATE OF START-UP-- 1987
(818)-572-6126 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... A BASIS ... PCT EFF
BOILER, 3 EA	33.50 MMBTU/H	NOX	40.0000 LB/D TOTAL 35.0000 PPMVD AT 3% 02 FLUE GAS RECIR. & OXYGEN TRIM	BACT

NOTES ---------
ONLY TWO BOILERS ALLOWED AT MAXIMUM CAPACITY AT ANY GIVEN TIME.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

ID NUMBER CA-0231

SOURCE TYPE CODE 1.3

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS — 80.70 MMBTU/H

COMPANY NAME/SITE LOCATION: DOW CHEMICAL CO. — MIDLAND, MI

DETERMINATION IS
PERMIT NO. 582-88A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
RANDAL TELESZ (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/21/89
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	40.35 MMBTU/H	NOX	0.0700 LB/MMBTU	FLUE GAS RECIRCULATION LOW EXCESS AIR/STAGED COMBUSTION	BACT 50.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: GENERAL ELECTRIC — BURKVILLE, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 297-0008-X014,X015
DETERMINATION MADE BY ALABAMA DEM (AGENCY)

KENNETH BARRETT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/14/88
ESTIMATED DATE OF START-UP-- 1989
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, NAT GAS	99.48 MMBTU/H	NOX	9.9000 LB/H 0.1000 LB/MMBTU	LOW NOX BURNERS	BACT 50.00
BOILER, FUEL OIL	99.48 MMBTU/H	NOX	14.9000 LB/H 0.1500 LB/MMBTU	LOW NOX BURNERS	BACT 50.00
BOILER, NAT GAS	246.90 MMBTU/H	NOX	0.1500 LB/MMBTU 37.0000 LB/H	LOW NOX BURNERS	BACT 50.00

NOTES --------
NO AIR PREHEAT IS USED IN ADDITION TO LOW NOX BURNERS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS 49.50 MW

COMPANY NAME/SITE LOCATION: GREENLEAF POWER CO. PUTHAM PARCEL — YUBA CITY, CA — SUTTER COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. SAC 84-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/18/85
ESTIMATED DATE OF START-UP-- 1986
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM-5000	35.62 MW	NOX	42.0000 PPMV AT 15% O2		
			91.0000 LB/H	H2O INJECTION	
		PM	2.1000 LB/H	MULTICYCLONE	99.92
		CO	20.4000 LB/H	GOOD ENGINEERING PRACTICES	
BURNER, DUCT	63.70 MMBTU/H	NOX	0.1000 LB/MMBTU		
			6.4000 LB/H	LOW NOX DESIGN	
		PM	0.3400 LB/H	USE OF NAT. GAS AS FUEL	
		CO	0.1200 LB/MMBTU		
			7.6000 LB/H	CONTROLLED BY NOX & PM CONTROL SYS, GEP	

NOTES --------
PLANT FEATURES A BIOMASS DRYING OF WOOD CHIPS, THUS RESULTING IN HIGH PARTICULATE EMISSIONS. PARTICULATE CONTROLS INCLUDE MULT ICYCLONE COLLECTORS FOR THE DRYER & CONVEYING SYSTEM TO SEPERATE DRIED WOOD CHIP PRODUCT FROM THE AIR STREAM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS — 22.40 MMBTU/H

COMPANY NAME/SITE LOCATION: KAISER ALUMINUM & CHEMICAL CORP. — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-348
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY) — DALE KRYGIELSKI (AGENCY CONTACT PERSON) — (419)-666-4248 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/24/86
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, GAS FIRED	16.80 MMBTU/H			
		PM	0.0200 LB/MMBTU	SIP
		SO2	8.3000 EE-4 LB/MMBTU	SIP
		NOX	0.1000 LB/MMBTU	SIP
		CO	0.0200 LB/MMBTU	SIP
		VOC	0.0050 LB/MMBTU	SIP

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/09/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: NAVAL STATION TREASURE ISLAND , CA
SOLANDO COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30543
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
BOB MISHINURA (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/19/86
ESTIMATED DATE OF START-UP-- 1987
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, STEAM	24.00 MMBTU/H	NOX	40.0000 PPMVD AT 3% O2 0.0500 LB/MMBTU LOW NOX BURNERS FLUE GAS RECIRCULATION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/11/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: OLS ENERGY
CAMARILLO , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 1267-2
DETERMINATION MADE BY VENTURA COUNTY APCD (AGENCY)
KEITH DUVAL (AGENCY CONTACT PERSON)
(805)-654-2845 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/30/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM2500	256.00 MMBTU/H	NOX	9.0000 PPMVD AT 15% O2 80.0000 % FOR SCR H2O INJ. & SCR	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: OLS ENERGY — CAMARILLO, CA

DETERMINATION IS: FOR A NEW SOURCE.
PERMIT NO. 1267-2
DETERMINATION MADE BY: VENTURA COUNTY APCD (AGENCY) — KEITH DUVAL (AGENCY CONTACT PERSON) — (805)-654-2845 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/27/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, GAS/OIL FIRED	31.00 MMBTU/H	NOX	40.0000 PPMVD AT 3% O2	COEN DAF LOW NOX BURNERS	

NOTES --------
BOILERS ARE BACKUP TO GAS TURBINE COGENERATION UNIT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/05/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: REYNOLDS METALS CO. — RICHMOND, VA

DETERMINATION IS
PERMIT NO. 50260
DETERMINATION MADE BY VIRGINIA APCB (AGENCY)

KATHERINE MILLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/22/86
ESTIMATED DATE OF START-UP-- 1987
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BURNER, NAT GAS FIRED	2.56 MMBTU/H				
		PM	6.0020 LB/H		
			5.0000 EE-3 T/YR		
		SO2	1.0000 EE-3 LB/H		
			3.0000 EE-3 T/YR		
		VOC	0.0120 LB/H		
			0.0270 T/YR		
		NO2	0.2300 LB/H		
			0.5000 T/YR		
		CO	0.0460 LB/H		
			0.1000 T/YR		
		ISO*	30.0000 LB/H		
			45.0000 T/YR		

NOTES --------
MODIFY FACILITY BY REMOVING THE EXISTING INCINERATOR & ADDING NAT GAS BURNERS IN THE EXTRUDER. THE EXTRUDER IS TO USE WATER-BASED INKS.
ISO = ISOPROPLY ALCOHOL, POLLUTANT EVALUATED TO MEET STATE TOXIC REGS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/15/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS 40.00 MW

COMPANY NAME/SITE LOCATION: SHELL CA PRODUCTION, INC.
SOUTH BELRIDGE OIL FIELD , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 85-08
DETERMINATION MADE BY EPA REGION IX (AGENCY)

LINH TRAN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/06/86
ESTIMATED DATE OF START-UP-- 1987
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, GE LM 2500	20.00 MW	NOX	42.0000 PPM AT 15% O2 DRY H2O INJECTION	
		CO	41.0000 PPM AT 15% O2 DRY	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/10/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: TRUNKLINE LNG — LAKE CHARLES, LA — CALCASIEU PARISH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. PSD-LA-97(M-2)
DETERMINATION MADE BY LOUISIANA AQD, EPA REGION 6 (AGENCY)

KAREN PESSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/27/87
ESTIMATED DATE OF START-UP-- 1983
(504)-342-1206 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE,GAS, 2 EA	147102.00 SCF/H	NOX	59.0000 LB/H		UNRG
VAPORIZER, 7 EA	72.50 MMBTU/H	NOX	7.2500 LB/H 0.1000 LB/MMBTU	DESIGN OF BURNER SHROUDS	B/N

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/29/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: VENTURA COASTAL CORP. , CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 278-4
DETERMINATION MADE BY VENTURA APCD (AGENCY)
TERRI THOMAS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/31/87
ESTIMATED DATE OF START-UP-- 1987
(805)-654-2849 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CLEAVER BROOKS MODEL CB*	31.40 MMBTU/H	NOX	25.7000 LB/D 30.0000 PPMVD AT 3% O2	FGR/OXYGEN TRIM	BACT

NOTES --------
LIMIT INVOLVES USE OF FUEL OIL ONLY DURING GAS CURTAILMENT. NOX LIMIT APPLIES TO NATURAL GAS FIRING ONLY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: VENTURA COASTAL CORP. , CA

DETERMINATION IS
PERMIT NO. 278
DETERMINATION MADE BY VENTURA COUNTY APCD (AGENCY)

T. THOMAS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/17/88
ESTIMATED DATE OF START-UP--
(805)-654-2844 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CLEAVER-BROOKS MODEL CB*	27.20 MMBTU/H				
		NOX	0.8900 LB/H		
			22.0000 PPMV AT 3% O2		
		ROC	2.0700 LB/H		
			44.0000 PPMV		
		CO	4.0300 LB/H		
			156.0000 PPMV		

NOTES --------
PROCESS COULD NOT ACCOMODATE STEAM AT 100% LOAD. ROC & CO HIGHER THAN EXPECTED. ACTUAL O2 = 3.6%. EFFICIENCY = 83.1%.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION VIRGINIA POWER , VA
HENRICO COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 50997
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/07/89
ESTIMATED DATE OF START-UP-- 1990
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	1308.00 MMBTU/H				
		PM/*	6.3000	LB/H/UNIT NAT GAS FIRED	
			12.5000	LB/H/UNIT OIL FIRED	
		SO2	0.0510	LB/MMBTU NAT GAS FIRED	
			0.2000	LB/MMBTU OIL FIRED	
				0.06% BY WT ANN AVG S FUEL, GAS	
				>.2% BY WT S,>.05% BY WT N2,RECORD KEEPING OF *	
		CO	26.5000	LB/H/UNIT NAT GAS FIRED	
			28.6000	LB/H/UNIT OIL FIRED	
		VOC	2.0000	LB/H/UNIT NAT GAS FIRED	
			6.3000	LB/H/UNIT OIL FIRED	
		NO2	42.0000	PPMVD AT 15% O2 NAT GAS FIRED	
			65.0000	PPMVD AT 15% O2, OIL FIRED	
				H2O INJECTION	
				RECORD KEEPING OF FUEL N2 CONTENT	

NOTES ---------
A CONTINUOUS MONITORING SYSTEM SHALL RECORD THE FUEL CONSUMPTION & RATIO OF H2O INJ TO FUEL BURNED IN THE GAS TURBINE. THE S & N2 CONTENT OF THE #2 FUEL MUST BE MONITORED. EXCESS EMISSIONS REPORTS MUST BE SUBMITTED FOR SO2,NO2,ICE FOG, & EMERGENCY FUEL. ALL APPLICABLE REQUIR. OF 40 CFR PART 60 SUBPART GG MUST BE MET UNLESS MORE STRINGENT STANDARDS ARE REQUIRED BY THIS PERMIT. VE MUST NOT EXCEED 10%, EXCEPT FOR 1 SIX MIN PERIOD PER 1 HOUR OF NOT MORE THAN 30%. FOR MORE INFO CALL CONTACT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION WESTINGHOUSE ELECTRIC CORP. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 883
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
HARI DOSS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/17/88
ESTIMATED DATE OF START-UP-- 1989
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... A BASIS ... PCT EFF
GENERATOR, STEAM, NAT GAS FIRED	380.00 MMBTU/H	NOX	140.0000 LB/D 0.0150 LB/MMBTU	BACT LOW NOX BURNER/SEL CATALYTIC REDUCTION FLUE GAS RECIRCULATION	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - NATURAL GAS 80.00 MM

COMPANY NAME/SITE LOCATION MICHITA FALLS ENERGY INVESTMENTS, INC. MICHITA FALLS, TX MICHITA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 16750
DETERMINATION MADE BY TEXAS ACB (AGENCY)

JAMES CROCKER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/10/86
ESTIMATED DATE OF START-UP-- 1987
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 3 EA	20.00 MM	PM	13.7100 T/YR		B/N
		VOC	11.4900 T/YR		
		NOX	684.0000 T/YR	STEAM INJECTION	
		SO2	1.6500 T/YR		
		CO	420.0000 T/YR		

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/29/1988

ID NUMBER TX-0193

SOURCE TYPE CODE 1.3

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: AUBERRY ENERGY, INC. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 3060020101-106
DETERMINATION MADE BY FRESNO COUNTY APCD (AGENCY)

MIKE TOLLSTRAP (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/02/85
ESTIMATED DATE OF START-UP-- 1986
(209)-445-3239 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COGENERATION FAC., WOOD FIRED	18.40 T/H LUMBER	NOX	0.1400 LB/MMBTU	FLUIDIZIED BED COMBUSTION HEATED STAGED AIR ADDITION	
		PM	0.0100 GR/DSCF AT 12% CO2	MULTICYCLONE & ESP	

NOTES --------
WOOD FUEL FROM MFG. WASTE

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: BIO-GEN TORRINGTON PARTNERSHIP, RT. 8 & 800, TORRINGTON, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 183-0027
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
JOSEPH ULEVICUS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	208.50 MMBTU/H				
		PM	0.0100 LB/MMBTU	BAGHOUSE	99.50
		SOX	0.1000 LB/MMBTU	FUEL ANALYSIS	
		NOX	0.2000 LB/MMBTU	SNCR	40.00
		CO	0.2900 LB/MMBTU	STAGED COMBUSTION	
		VOC	0.0800 LB/MMBTU	O.F. AIR	
		HAZ*		NO LIMITS GIVEN	
		HCL	49.0000 PPMDV AT 12% CO2	FUEL SPECS	

NOTES ---------
METALS & ACID GASES CONTROLLED BY WOOD FUEL SPECS LIMITING NON-WOOD MATERIAL TO <1% BY WEIGHT OF THE FUEL STREAM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: BURLINGTON INDUSTRIES — RABUN GAP, GA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 2272-119-8109-0
DETERMINATION MADE BY GEORGIA EPD (AGENCY)
PAUL IZANT (AGENCY CONTACT PERSON)
(404)-656-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/13/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD WASTE FIRED	290.00 MMBTU/H	PM	0.1000 LB/MMBTU	MULTICYCLONE & VENTURI SCRUBBER	B/N 95.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: COGENERATION MICHIGAN, INC. — CADILLAC, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 373-86
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)

GREGORY EDWARDS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/15/87
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	293.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		N/B
				BAGHOUSE	99.00
		NOX	0.3000 LB/MMBTU WOOD		N/B
			0.2000 LB/MMBTU GAS		
				BOILER DESIGN	
		CO	0.3000 LB/MMBTU WOOD		BACT
				BOILER DESIGN	
		BAP	31.7000 MICROGRAM/CUBIC METER		BACT

NOTES ---------
TRUNCATED POLLUTANT NAME IS BENZO-A-PYRENE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: COGENERATION MICHIGAN, INC. VANDER JAGT INDUSTRIAL PARK — CADILLAC, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 373-86
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)

RANDAL TELESZ (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/16/90
ESTIMATED DATE OF START-UP-- 1992
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	& BASIS ... PCT EFF
BOILER, 2 EA	293.00 MMBTU/H				
		PM/*	0.0300 LB/MMBTU		BACT
				MECHANICAL COLLECTOR, BAGHOUSE	99.90
		SO2	0.0170 LB/MMBTU		
		CO	0.3500 LB/MMBTU		BACT
				GOOD COMBUSTION CONTROLS	
		NOX	0.2100 LB/MMBTU		BACT
				SNCR	45.00
		VOC	20.2000 LB/H		BACT
			88.3000 T/YR		
				GOOD COMBUSTION CONTROLS	
		BAP	4.1000 UG/CUBIC METER		
		NH3	10.0000 PPM		

NOTES --------
SELECTICE NON-CATALYTIC REDUCTION - EITHER THERMAL DE NOX OR NOX OUT. THIS IS A REDETERMINATION OF BACT FOR EXTENSION OF THE PSD PERMIT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 666.00 MMBTU/H, INPUT

COMPANY NAME/SITE LOCATION: CRAVEN COUNTY WOOD-ENERGY PROJECT — NEW BERN, NC — CRAVEN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 6419
DETERMINATION MADE BY NORTH CAROLINA DEM (AGENCY)
SAMMY AMERSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/24/89
ESTIMATED DATE OF START-UP-- 1990
(919)-733-3340 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	666.00 MMBTU/H				
		NOX	0.3500 LB/MMBTU	BOILER DESIGN AUTOMATIC COMBUSTION CONTROLS	
		PM	0.0410 LB/MMBTU	CYCLONE SEPERATOR/ESP	98.20
		CO	0.6600 LB/MMBTU	AUTOMATIC COMBUSTION CONTROLS	
		VOC	0.0770 LB/MMBTU	AUTOMATIC COMBUSTION CONTROLS	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: DECKER ENERGY INTERNATIONAL, EAST RYEGATE, VT
RYEGATE BIOMASS PROJECT, RTE 5

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY VERMONT NR, APCD (AGENCY)
LARRY MILLER (AGENCY CONTACT PERSON)
(802)-244-8731 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/11/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	300.00 MMBTU/H				
		PM	0.0007 GR/DSCF AT 12% CO2	MECHANICAL COLLECTOR/ESP	MSER
		VE	60.0000 % OPACITY		
			20.0000 % OPACITY, 54MIN/H		
		NOX	0.2500 LB/MMBTU		MSER
		CO	0.3000 LB/MMBTU		MSER
		VOC	9.0000 LB/H		UNRG
		BAP	0.0120 LB/H		UNRG

NOTES --------
BAP - BENZO(A)PYRENE. MSER - MOST STRINGENT EMISSION LIMIT - VERMONT'S EQUIVALENT TO FEDERAL BACT/LAER.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: DINUBA ENERGY, INC. , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 3592
DETERMINATION MADE BY TULARE APCD (AGENCY)
MARTIN KEAST (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/16/87
ESTIMATED DATE OF START-UP--
(209)-733-6438 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD WASTE FIRED	198.00 MMBTU/H				
		NOX	22.2000 LB/D		BACT
			0.1100 LB/MMBTU		
				THERMAL DENOX	
				LOW EXCESS AIR	
		PM	6.4000 LB/H		BACT
			0.0160 GR/DSCF AT 12% CO2		
				ESP & MULTICLONE PRECLEANER	
		CO	42.8100 LB/H		
			0.2175 LB/MMBTU		

NOTES --------
SOURCE CAN BURN AG WASTE UPON DISTRICT APPROVAL, IE., SOURCE TEST. CEM FOR NOX REQUIRED. OPACITY METER REQUIRED FOR PM. CONTRO
L WITH DINUBA ENERGY PROJECT WITH YANKEE ENERGY- JOHN URGUHART TEL # 209-338-2200. TOTAL EFFICIENCY FOR
PLANT IS 60%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: ERATH VENEER CORP. OF VA — ROCKY MOUNT, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30392
DETERMINATION MADE BY VIRGINIA APCB (AGENCY)

DATE OF PERMIT ISSUANCE-- 12/30/86
ESTIMATED DATE OF START-UP-- 1986

KATHERINE MILLER (AGENCY CONTACT PERSON)
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOODWASTE FIRED	31.50 MMBTU/H				
		PM	0.2700 MMBTU/H		
			8.5100 LB/H		
				2 MULTICLONES	75.00
		SO2	0.5300 LB/H		
			0.2300 T/YR		
		VOC	0.1600 LB/MMBTU		
			4.9000 LB/H		
		CO	0.8900 LB/MMBTU		
			28.0000 LB/H		

NOTES --------
TO CONSTRUCT A 31.5 MMBTU/H WOODWASTE BOILER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE 15.00 MW

COMPANY NAME/SITE LOCATION: FAIRHAVEN POWER CO. FAIRHAVEN, CA HUMBOLDT COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. NC 84-03
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/12/85
ESTIMATED DATE OF START-UP-- 1985
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	225.60 MMBTU/H	PM	0.0450 LB/MMBTU	ESP, MULTICYCLONE DUST COLLECTOR	99.10
		NOX	0.2000 LB/MMBTU	BOILER DESIGN W/40% EXCESS COMBUSTION AIR	
		CO	0.3500 LB/MMBTU	BOILER DESIGN W/40% EXCESS COMBUSTION AIR	
		VOC	0.0700 LB/MMBTU	BOILER DESIGN W/40% EXCESS COMBUSTION AIR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: FAIRHAVEN POWER CO. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. HS-072
DETERMINATION MADE BY NORTH COAST UNIFIED AQMD (AGENCY)
CHUCK SASSENRATH (AGENCY CONTACT PERSON)
(707)-443-3093 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/10/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	309.00 MMBTU/H	NOX	0.2000 LB/MMBTU	HIGH PRESSURE OVERFIRE AIR SYS	
		CO	0.4000 LB/MMBTU	HIGH PRESSURE OVERFIRE AIR SYS	
		PM	0.0400 LB/MMBTU	MULTICLONES & ESP	98.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/05/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: GRAYLING GENERATING STATION , MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 882-89
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/20/90
ESTIMATED DATE OF START-UP-- 1992
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	450.00 MMBTU/H				
		PM10	0.0300 LB/MMBTU		BACT
				MULTICLONE/ESP	99.70
		VE	10.0000 % OPACITY		BACT
				STACK MONITOR	
		NOX	0.1500 LB/MMBTU		BACT
				SNCR SYSTEM	60.00
		CO	0.4000 LB/MMBTU		BACT
				DESIGN & OPERATING PRACTICES	
		VOC	0.0500 LB/MMBTU		BACT
		BE	0.0050 LB/H		BACT
				MULTICLONE/ESP	90.00
		BAP	0.0013 LB/H		BACT

NOTES --------
BENZO-A-PYRENE EMISSION RATE IS CALCULATED USING AN EMISSION FACTOR OF 25.2 UG/KG DRY WOOD. BERYLLIUM EMISSIONS ARE BASED ON B E CONTENT OF 1 PPM WT IN WOOD & 90% CONTROL EFFICIENCY THRU ESP.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: HILLMAN LIMITED PARTNERS , MI

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 687-86A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
RANDAL TELESZ (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/05/89
ESTIMATED DATE OF START-UP-- 1990
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	300.00 MMBTU/H	PM/*	0.0300 LB/MMBTU	MECHANICAL COLLECTOR & ESP	BACT
		SO2	0.0180 LB/MMBTU		R901
		CO	0.3500 LB/MMBTU	BOILER DESIGN & COMBUSTION CONTROL	BACT
		NOX	0.1500 LB/MMBTU	SELECTIVE NON-CATALYTIC REDUCTION	BACT 50.00
		VOC	0.0700 LB/MMBTU	COMBUSTION CONTROLS	R702
		BAP	2.2000 UG/CU METER	CO CONTROL/MECH COLL/ESP	R901

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: LOUISIANA PACIFIC CORP. , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. LPO-87-08-AC
DETERMINATION MADE BY BUTTE COUNTY APCD (AGENCY)
JEFFREY MOTT (AGENCY CONTACT PERSON)
(916)-538-7383 (PHONE)
DATE OF PERMIT ISSUANCE-- 11/06/87
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, WOOD FIRED	127.00 MMBTU/H	PM10	2.8000 LB/H 0.0220 LB/MMBTU	MULTICLONE & ESP	BACT
		NOX	23.0000 LB/H 0.1800 LB/MMBTU	COMBUSTION CONTROLS	BACT
		CO	22.0000 LB/H 0.1730 LB/MMBTU	COMBUSTION CONTROLS	BACT
		VOC	16.0000 LB/H 0.1260 LB/MMBTU	COMBUSTION CONTROLS	

NOTES --------
LIMITED TO 8000 HOURS PER YEAR & TO NON-INDUSTRIAL WOODWASTE AS FUEL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 10.00 MW

COMPANY NAME/SITE LOCATION: MARTELL COGENERATION LIMITED PARTNERSHIP
C/O LAFAYETTE POWER CO. — MARTELL, CA — AMADOR COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. SJ 83-04-A
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/30/88
ESTIMATED DATE OF START-UP--
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, STATIONARY GRATE/SPREAD*	287.00 MMBTU/H				
		CO	930.0000 LB/H, 3H AVG		
			590.0000 LB/H, 8H AVG		
				MOST STRINGENT LIMIT	
				GOOD OPERATING & COMBUSTION PRACTICES	
		VOC	35.0000 LB/H		
				GOOD OPERATING & COMBUSTION PRACTICES	

NOTES --------
MAJOR MOD., ORIG. BACT FOR NOX - STAGED COMBUST. & HIGH FUEL MOISTURE, FOR CO/VOC - FURNACE OPERATION CONTROLS. IN BACT FOR MOD., EPA CONSIDERED RETROFITTING OF BOILER W/AMMONIA INJ. SYSTEM FOR NOX CONTROL & SETTING STRINGENT LIMITS FOR CO. BUT BASED ON INFO FROM APPLICANT, AMMONIA INJ. CAN'T BE EFFECTIVELY INCORPORATED INTO THE BOILER DUE TO DIFFERENT DESIGN PARAMETERS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 50.00 MW

COMPANY NAME/SITE LOCATION: MCNEIL GENERATING STATION, BURLINGTON ELECTRIC LIGHT DEPT. — BURLINGTON, VT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY VERMONT AEC (AGENCY) — HAROLD GARABEDIAN (AGENCY CONTACT PERSON) — (802)-244-8731 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/01/80
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE, WOOD FIRED	670.00 MMBTU/H	PM	0.0070 LB/MMBTU 0.0070 GR/DSCF AT 12% CO2 - MEC. DUST COLLECTOR & ESP 80%-MEC COLLECT. & 99.5%-ESP	99.90

NOTES --------
418000 ACFM AT 310F-CYCLONES-LARGE DIA. CERAMIC-24 TUBE, 58 IN. DIAMETER, 12.3 FT LONG, DELTA P=3.4 IN. H2O, INLET VEL. 63.1FT /SEC-ESP-WEIGHTED WIRE TYPE ,TOTAL PLATE AREA 280000 SQ. FT.,SCA=672 SQ. FT./1000 ACFM, LINEAR VEL. 3 FT/SEC
9 FIELDS, 119 GAS PASSAGES, 9 IN. PASSAGE SPACING, 45 FT GAS TRAVEL DISTANCE. VT-0002A IS AMMENDMENT OF THIS PERMIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: SIERRA PACIFIC INDUSTRIES — LOYALTOR, CA — SIERRA COUNTY

DETERMINATION IS
PERMIT NO. SAC 87-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)

TOM ANDREWS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/31/88
ESTIMATED DATE OF START-UP-- 1989
(415)-974-7658 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, RILEY	335.00 MMBTU/H				
		CO	167.8000 LB/H		
			0.5000 LB/MMBTU		
				SECONDARY AIR INJ.	70.00
		NOX	36.9000 LB/H		
			0.1100 LB/MMBTU		
				AMMONIA INJ.	50.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/15/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: SOLEDAD ENERGY LIMITED PARTNERSHIP , CA

DETERMINATION IS
PERMIT NO. 4625
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY)
DAVID CRAFT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/30/88
ESTIMATED DATE OF START-UP--
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, WOOD FIRED, FLUIDIZE*	216.00 MMBTU/H				
		NOX	13.6000 LB/H		BACT
			0.0630 LB/MMBTU		
				AMMONIA INJECTION	
		SO2	141.6000 LB/D		BACT
			0.0270 LB/MMBTU		
				LIMESTONE INJECTION	
		PM10	147.4000 LB/D		BACT
			0.0290 LB/MMBTU		
				MULTICLONE & BAGHOUSE	99.50
		CO	197.0000 LB/D		
			0.0380 LB/MMBTU		
		VOC	139.9000 LB/D		BACT
			0.0270 LB/MMBTU		

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: SUPERIOR FARMING CO. , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 3032006A
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/25/85
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 4-COMBUSTION CELL	100.00 MMBTU/H	NOX	0.1650 LB/MMBTU	FLUE GAS RECIRCULATION LEA, STAGED COMBUSTION	LAER
BOILER, 4-CELL COMBUSTION	100.00 MMBTU/H	NOX	0.0656 LB/MMBTU	FLUE GAS RECIRCULATION	LAER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: TAYLOR-RAMSEY CORP. , VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30473
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

KATHERINE MILLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/16/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
BOILER/GENERATOR	750.00 LB/YR			
		PM	0.2000 LB/MMBTU	
			0.8500 LB/H	
			PERMIT LIMITS	
		CO	0.4800 LB/MMBTU	
			2.0000 LB/H	
			PERMIT LIMITS	
		FOR*	0.1200 LB/H	
			0.5200 T/YR	
			PERMIT LIMITS	

NOTES --------
CONSTRUCT A 5.6 MMBTU/H WOOD GAS GENERATOR & A 4.184 MMBTU/H BOILER. GENERATOR TO CONSUME NO MORE THAN 750 LB/H OF WOODWASTE F UEL. FUEL FOR GENERATOR GREEN SAWDUST.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 10/15/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: ULTRAPOWER - PLACER, INC.
ROCKLIN POWER PLANT
, CA
PLACER COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. A/C-85-14
DETERMINATION MADE BY PLACER COUNTY APCD (AGENCY)
NOEL BONDERSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/02/87
ESTIMATED DATE OF START-UP--
(916)-823-4443 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	356.80 MMBTU/H	NOX	56.0000 LB/H	BOILER DESIGN	
		PM	0.0200 GR/DSCF AT 12% O2	ESP	

NOTES --------
ATMOSPHERIC PRESSURE, CIRCULATING FLUIDIZED BED BOILER.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/11/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 26.00 MW

COMPANY NAME/SITE LOCATION: ULTRASYSTEMS INC. — CHINESE CAMP, CA

DETERMINATION IS
PERMIT NO. 55-8986
DETERMINATION MADE BY TUOLUMNE COUNTY APCD (AGENCY)
EARL WITHYCOMBE (AGENCY CONTACT PERSON)
(916)-862-1233 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/09/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUID BED, WOOD FIRED	370.00 MMBTU/H				
		PM	0.0470 LB/MMBTU	MULTICLONE, ESP	99.20
		NOX	0.1490 LB/MMBTU	THERMAL DENOX, FLUID BED	55.00
		SO2	0.1400 LB/MMBTU		
		VOC	0.0980 LB/MMBTU	FLUID BED COMBUSTOR	
		CO	0.1500 LB/MMBTU	FLUID BED COMBUSTOR	

NOTES --------
TSP & NOX CONTROLS DESIGNED TO MAINTAIN EMISSIONS UNDER 100 T/YR PSD TRIGGER & EXPEDITE PERMIT PROCESSING TIME.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: WESTERN FOREST POWER , CA

DETERMINATION IS
PERMIT NO. 4251
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY)
DAVID CRAFT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/19/88
ESTIMATED DATE OF START-UP--
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, WOOD FIRED, FLUIDIZE*	230.00 MMBTU/H				
		NOX	467.0000 LB/D		BACT
			0.0940 LB/MMBTU		
				AMMONIA INJECTION	47.00
		SO2	149.0000 LB/D		BACT
			0.0270 LB/MMBTU		
				LIMESTONE INJECTION	
		PM10	97.0000 LB/D		BACT
			0.0180 LB/MMBTU		
				MULTICLONE & ESP	
		CO	550.0000 LB/D		
			0.1500 LB/MMBTU		
		VOC	149.0000 LB/D		
			0.0270 LB/MMBTU		

NOTES --------
APPLICANT HAS COMMITTED TO A LEVEL OF CONTROL THAT DOES NOT MAKE THE SOURCE SUBJECT TO BACT FOR VOC & CO ON THE COMBUSTOR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 48.00 MMBTU/H

COMPANY NAME/SITE LOCATION: WOOD PRESERVERS, INC. — RICHMOND, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. (5)40150
DETERMINATION MADE BY VIRGINIA SAPCB (AGENCY)

KATHERINE MILLER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/21/87
ESTIMATED DATE OF START-UP-- 1987
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD WASTE FIRED	48.00 MMBTU/H	PM	0.2024 LB/MMBTU		
			9.8400 LB/H	2 MULTICYCLONE IN SERIES	89.95
		VOC	7.6000 LB/H		
			17.1000 T/YR	THROUGHPUT LIMITS	
		NO2	3.7000 LB/H		
			8.3000 T/YR	THROUGHPUT LIMITS	
		CO	21.6000 LB/H		
			48.8000 T/YR	THROUGHPUT LIMITS	
		SB	0.4320 LB/H	THROUGHPUT LIMITS	
		AS	0.4250 LB/H	THROUGHPUT LIMITS	
		NI	0.1910 LB/H	THROUGHPUT LIMITS	
		SE	360.0000 LB/H	THROUGHPUT LIMITS	
		AG	72000.0000 LB/H	THROUGHPUT LIMITS	
		TL	360.0000 LB/H	THROUGHPUT LIMITS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/23/1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		ZN	950.0000 LB/H	THROUGHPUT LIMITS	
		BE	3.1000 EE-4 LB/H	THROUGHPUT LIMITS	
		CD	2.2000 EE-3 LB/H	THROUGHPUT LIMITS	
		CR	0.1790 LB/H	THROUGHPUT LIMITS	
		CU	0.2870 LB/H	THROUGHPUT LIMITS	
		MG	0.0360 LB/H	THROUGHPUT LIMITS	
		NAP*	99.9900 % DRE REQUIRED	THROUGHPUT LIMITS	

NOTES: --------
BOILER FUEL IS<=10% BARK/MOOD CREOSOTE SLUDGE. FUEL LIM-24371 TPY MOOD WASTE & 100 TPY CREOSOTE SLUDGE. SLUDGE BURN RATE>200 LB/H & <600 LB/H. BOILER HEAT INPUT LIM-48.611111 MMBTU/H. VE < 10%, ADJUSTABLE PER TEST. ONE CONTINUOUS PRESSURE DROP MONITOR PER MULTICLONE. DRE OF CREOSOTE SLUDGE POHC>=99.99%. POHC'S-ACENAPHTLENE,ACENAPHTHLENE,ANTHRALENE,BENZO(A)PYRENE,CHRYSENE, FLUORANTHENE,FLUORENE,NAPHTHADINE,PHENANTHRENE,PYRENE, DRE OF REMAINING ORGANICS>=99.9%. TO BE TESTED FOR PM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/23/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: FILER CITY , MI MANISTEE COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 519-87A
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
(517)-373-7023 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/21/88
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, SPREADER-STOKER, COAL/W*	384.00 MMBTU/H	PM	0.0120 LB/MMBTU		LAER
				BAGHOUSE	99.40
		SO2	0.5000 LB/MMBTU 30D AVG		BACT
			0.7000 LB/MMBTU 24H AVG		
				LIME SPRAY DRYER	90.00
				MAX 3% S	
		NOX	0.6000 LB/MMBTU 30D AVG		BACT
				BOILER DESIGN, OPERATING PRACTICES	
		CO	0.3000 LB/MMBTU 8H AVG		BACT
				CO STACK MONITORS	
				BOILER DESIGN, COMBUSTION CONTROLS	

NOTES --------
THIS PERMIT REPLACES THE ORIGINAL PERMIT, #519-87, FOR A FLUIDIZED BED BOILER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 38.50 MW

COMPANY NAME/SITE LOCATION: GEOPRODUCTS/ZURN-NEPCO — HONEY LAKE, CA, LASSEN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. NE 87-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)

DATE OF PERMIT ISSUANCE-- 03/11/88
ESTIMATED DATE OF START-UP--
JANET STROMBERG (AGENCY CONTACT PERSON)
(415)-974-8218 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRING	305.00 LB/H				
		PM	65.7500 T/YR		BACT
				MULTICLONE/ESP	99.90
		NOX	246.7000 T/YR		BACT
				STAGED COMBUSTION, NH3 INJ.	
		CO	674.5000 T/YR		BACT
				COMPLETE COMBUSTION	
		VOC	92.9700 T/YR		BACT
				COMPLETE COMBUSTION	
		SOX	20.4900 T/YR		UNRG

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: HADSON POWER II
ROUTE 671
SOUTHAMPTON, VA
SOUTHHAMPTON COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 61093
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

TOM CREASY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/22/89
ESTIMATED DATE OF START-UP-- 1990
(804)-786-0178 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EF.
BOILER, 2 EA	379.00 MMBTU/H	PM	0.0200 LB/MMBTU 7.6000 LB/H	BAGHOUSE	99.90
		PM10	0.0180 LB/MMBTU 6.8000 LB/H	BAGHOUSE	99.90
		SO2	0.1620 LB/MMBTU 61.3000 LB/H	LIME INJECTION	92.00
		NOX	0.5000 LB/MMBTU 189.5000 LB/H	CONTINUOUS FEED/LEA	35.00
		CO	0.2000 LB/MMBTU 76.0000 LB/H	COMBUSTION	
		VOC	0.0300 LB/MMBTU 11.4000 LB/H	COMBUSTION	
		HG	0.1000 LB/D		
		BE	0.0300 LB/D		
		AS	1.1000 LB/D		
		CD	0.1000 LB/D		
		CR	4.9000 LB/D		

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		CU	2.4000 LB/D		
		FLU*	9.7000 LB/D		
		FOR*	1.6000 LB/D		
		MN	3.9000 LB/D		
		NI	3.7000 LB/D		
		ACI*	149.2000 LB/D		
		V	0.7000 LB/D		
BOILER, OIL/TALL OIL FIRED	81.58 MMBTU/H	PM	0.0400 LB/MMBTU, #2 OIL FIRED		
			0.1600 LB/MMBTU, TALL OIL FIRED COMBUSTION		
		PM10	0.0300 LB/MMBTU, #2 OIL FIRED		
			0.1200 LB/MMBTU, TALL OIL FIRED COMBUSTION		
		SO2	0.3100 LB/MMBTU, #2 OIL FIRED		
			1.1600 LB/MMBTU, TALL OIL FIRED COMBUSTION		
		CO	0.0820 LB/MMBTU, #2 OIL FIRED		
			0.1200 LB/MMBTU, TALL OIL FIRED COMBUSTION		
		NOX	0.1000 LB/MMBTU, #2 OIL FIRED		
			0.6500 LB/MMBTU, TALL OIL FIRED COMBUSTION		
		VOC	0.0410 LB/MMBTU, #2 OIL FIRED		
			0.0700 LB/MMBTU, TALL OIL FIRED COMBUSTION		
MATL. HANDLING, COAL/LIME		PM	0.2700 LB/H		
			0.6200 T/YR	WET SUPPRESSION W/SUFACTANT, BAG	99.00
		PM10	0.2000 LB/H		
			0.5000 T/YR	WET SUPPRESSION W/SUFACTANT, BAG	99.00
SLAKER, LIME	10000.00 T/YR LIME	PM	0.0000 LB/H	WATER JET VENTURI ASPIRATOR, TOTAL ENCLOSURE	100.00

NOTES --------
SEE SPECIFIC CONDITIONS #26-27 FOR TESTING. PRIMARY BOILER FUEL IS COAL/TALL OIL AT 1.3/1.6% S. AUX BOILER FUEL IS TALL OIL/#2 OIL AT 0.88% & 0.3% S MAX,& 0.51% & 0.2% S AVG. CEMS FOR VE,SO2,NOX,& CO2 OR O2-PRIMARY BOILER, VE-AUX BOILER. CEMS FOR SO2 & NOX USED TO DETERMINE COMPLIANCE, HOST STEAM AGREEMENTS TO BE MADE AVAILABLE. AUX BOILER STACK=200 FT M IN. PERMIT AMENDED 2/6/90 DUE TO AN EPA REMAND FOR TIGHTER NOX & SO2 CONTROLS. RESULT-SO2 EFF UP FROM 90 TO 92%.

DATE ENTERED/UPDATED: 04/30/1990

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 1.5

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: HADSON POWER 12 — ALTAVISTA, VA

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 30859
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

TOM CREASY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/27/89
ESTIMATED DATE OF START-UP--
(804)-786-0178 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	379.00 MMBTU/H				
		PM	0.0200 LB/MMBTU		
			7.6000 LB/H		
				BAGHOUSE	99.90
		PM10	0.0180 LB/MMBTU		
			6.8000 LB/H		
				BAGHOUSE	99.90
		SO2	0.0870 LB/MMBTU		
			70.8000 LB/H		
				LIME INJECTION	92.00
		NOX	0.3000 LB/MMBTU		
			113.7000 LB/H		
				SNCR	74.00
				CONTINUOUS FEED, LEA	
		CO	0.2000 LB/MMBTU		
			76.0000 LB/H		
				COMBUSTION	
		VOC	0.0300 LB/MMBTU		
			11.4000 LB/H		
				COMBUSTION	
		HG	0.1000 LB/D		
		BE	0.0500 LB/D		
		NH3	50.0000 PPM		
			684.0000 LB/D		
		AS	1.1000 LB/D		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		CO	0.1000 LB/D		
		CHL*	355.7000 LB/D		
		CR	4.9000 LB/D		
		CU	2.4000 LB/D		
		FOR*	21.1000 LB/D		
		MN	3.9000 LB/D		
		NI	3.7000 LB/D		
		SE	2.1000 LB/D		
		ACI*	149.2000 LB/D		
		V	0.7000 LB/D		
BOILER, GAS & OIL FIRED, 2 EA	139.42 MMBTU/H				
		NOX	0.0730 LB/MMBTU, GAS FIRED		
			0.2000 LB/MMBTU, OIL FIRED		
				COMBUSTION	
		CO	0.0820 LB/MMBTU, GAS FIRED		
			0.0820 LB/MMBTU, OIL FIRED		
				COMBUSTION	
		VOC	0.0410 LB/MMBTU, GAS FIRED		
			0.0410 LB/MMBTU, OIL FIRED		
				COMBUSTION	
		PM	0.0400 LB/MMBTU, GAS FIRED		
			0.4100 LB/MMBTU, OIL FIRED		
				WET SUPPRESSION, BAGHOUSE	
				COMBUSTION	
		PM10	0.0300 LB/MMBTU, GAS FIRED		
			0.4000 LB/MMBTU, OIL FIRED		
				WET SUPPRESSION, BAGHOUSE	
				COMBUSTION	
		SO2	0.3100 LB/MMBTU		
			43.2000 LB/H		
				COMBUSTION	

NOTES --------
CONSTRUCTION OF STEAM ELEC COGEN FACILITY, 253932 T/YR COAL, 28600 T/YR WOOD , 8400 H/YR COAL BOILER OPERATION. AUX DOES NOT O
PERATE WITH COAL UNIT EXCEPT FOR START-UP, SHUT-DOWN, FOR 12 H MAX PER 24H, OR WHEN COAL UNITS ARE AT 50% MAX OR LESS.
PRIME BOILER FUEL =COAL AT 1.5% S MAX, AUX BOILER FUEL IS NAT GAS/#2 OIL. #2 OIL=0.3% S MAX & 0.2% AVG. CEM'S FOR VE,SOX,NOX,C
O,OR O2. CEM'S USED TO DETERMINE COMPLIANCE FOR SO2 & NOX. AUX BOILER STACK=200 FT MIN. SNCR IS EXXON'S THERMAL DENOX.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 99.00 MMBTU/H

COMPANY NAME/SITE LOCATION: HOLLY FARMS POULTRY INDUSTRIES, INC. — WILKESBORO, NC

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 3354R7
DETERMINATION MADE BY NORTH CAROLINA DEM (AGENCY)
MIKE SEWELL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/30/87
ESTIMATED DATE OF START-UP-- 1990
(919)-733-3340 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL/WOOD FIRED	99.00 MMBTU/H				
		SO2	1.6000 LB/MMBTU	LOW SULFUR COAL, 0.94%	
		NOX	0.7000 LB/MMBTU	CONTROL OF EXCESS AIR	
		ACI*	1.8900 LB/H	LOW SULFUR COAL. 0.94%	

NOTES --------
SOURCE IS NOT NSPS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/23/1987

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - MULTIPLE FUELS 1029.00 MMBTU/H

COMPANY NAME/SITE LOCATION HOPEWELL COGENERATION LIMITED PARTNERSH* , VA
PRINCE GEORGE COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 50967
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/01/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, NAT GAS FIRED, 3 EA	1030.00 MMBTU/H				
		PM10	7.2500	EE-4 LB/MMBTU	
			0.6000	LB/H	
		SO2	7.5000	EE-4 LB/MMBTU	
			0.6200	LB/H	
				SULFUR CONTENT OF FUEL	
		VOC	0.7000	LB/H	
			3.1000	T/YR	
		CO	25.2000	LB/H	
			102.0000	T/YR	
				STEAM INJ	
		NO2	42.0000	PPMV DRY AT 15% O2	
			686.0000	T/YR	
TURBINE, OIL FIRED, 3 EA	1029.00 MMBTU/H				
		PM	0.0340	LB/MMBTU	
			28.0000	LB/H	
		SO2	0.2100	LB/MMBTU	
			216.0000	LB/H	
				SULFUR CONTENT OF FUEL	
		VOC	6.6000	LB/H	
			266.0000	T/YR	
		CO	25.5000	LB/H	
			103.5000	T/YR	
		NO2	65.0000	PPMV DRY AT 15% O2	
			1133.3000	T/YR	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 10/15/1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PB	5.6900	EE-3 LB/H	
			0.0223	T/YR	
BOILER, AUX, NAT GAS FIRED, 2 EA	197.00 MMBTU/H				
		PM10	0.1000	LB/MMBTU	
			19.7000	LB/H	
		SO2	2.0000	EE-4 LB/MMBTU	
			0.0400	LB/H	
				FUEL SULFUR CONTENT	
		NO2	0.1000	LB/MMBTU	
			19.7000	LB/H	
				BOILER DESIGN	
		CO	17.1000	LB/H	
			74.5000	T/YR	
		VOC	1.0000	LB/H	
			4.3000	T/YR	
BOILER, AUX, OIL FIRED, 2 EA	197.00 MMBTU/H				
		PM	0.1000	LB/MMBTU	
			19.7000	LB/H	
		SO2	0.2000	LB/MMBTU	
			39.4000	LB/H	
				FUEL SULFUR CONTENT	
		NO2	0.1000	LB/MMBTU	
			19.7000	LB/H	
				BOILER DESIGN	
		CO	17.1000	LB/H	
			74.9000	T/YR	
		VOC	1.0000	LB/H	
			4.3000	T/YR	
		PB	1.1000	EE-3 LB/H	
			4.8200	EE-3 T/YR	

NOTES --------
TURBINE LIMITED TO =<57.73 MMGAL #2 FUEL OIL OR 8.11 MMMCF NAT GAS ANNUALLY. EACH AUX BOILER LIMITED TO =<12.33 MMGAL #2 FUEL OR 1.73 MMMCF NAT GAS ANNUALLY. NSPS SUBPART GG & SUBPART DB APPLY. SO2,NOX,ICE FOG, & EMERGENCY FUEL EXCESS EMIS REPORTS DUE. NON-CRITERIA EMIS CONTROLLED BY FUEL USAGES. CONTIN. MONIT. SYSTEM MONITORS SULFUR & NITROGEN CONTENT OF THE #2 FUEL FIRED IN THE TURBINES. SULFUR CONTENT OF THE OIL LIMITED TO 0.2% BY WT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. DATE ENTERED/UPDATED: 10/15/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: MCNEIL ELECTRIC GEN. STATION , VT
BURLINGTON ELECTRIC DEPT.

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. VT-0002A
DETERMINATION MADE BY VERMONT ANR, APCD (AGENCY)
JOHN PERREAULT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/15/89
ESTIMATED DATE OF START-UP-- 1984
(802)-244-8731 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, MULTI-FUEL	670.00 MMBTU/H, NO*				
		PM	0.0070	GR/DSCF AT 12% CO2	MSER
				ESP & MECHANICAL DUST COLLECTOR	99.50
		NOX	0.2000	LB/MMBTU, WOOD FIRED	MSER
			0.3000	LB/MMBTU, OIL FIRED	
				DESIGN & GOOD COMBUSTION PRACTICES	
		NOX	0.1300	LB/MMBTU, GAS FIRED	MSER
				LOW NOX BURNERS/ADD ON CONTROL DEVICE	
		CO	1500.0000	PPMV, 1H AVG	MSER
				DESIGN & GOOD COMBUSTION PRACTICES	
		S	0.3000	% BY WT SULFER, OIL FIRING ONLY	MSER

NOTES --------
MSER,MOST STRINGENT EMIS RATE, IS VERMONT'S EQUIV OF FED BACT/LAER REVIEW. SPECS OF PM CONTROL EQUIP UNDER VT-0002. WHEN FIRIN G MORE THAN 1 FUEL TYPE IN FURNACE ALLOWABLE NOX EMIS RATES ARE PRORATED BASED ON HEAT INPUT. ONLY 3 OF 6 BURNERS CAN FIRE DISTIL OIL,THEREBY RESTRICTING HEAT INPUT BELOW 250 MMBTU/H. OTHER PERMIT CONDITIONS INCLUDE-LIMITS ON VE,FUEL CONSUMPTIO N,CEMS FOR VE,NOX,CO,CO2,RECORD KEEPING,COMPLIANCE EMIS TESTING & MONITORING, & FUGITIVE PM CONTROLS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: MECKLENBURG COGENERATION LIMITED PARTNE* , VA MECKLENBURG COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 30861
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
LILLIAN ALEXANDER (AGENCY CONTACT PERSON)
(804)-947-6641 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/09/90
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, PULVERIZED BIT COAL, 4 *	834.50 MMBTU/H	PM	0.2000 LB/MMBTU 16.7000 LB/H	FABRIC FILTER	99.90
		PM10	0.1800 LB/MMBTU 15.0000 LB/H	FABRIC FILTER	99.90
		SO2	0.1720 LB/MMBTU 30D AVG 0.1280 LB/MMBTU ANNUAL AVG	SPRAY DRYER & FABRIC FILTER	92.00
		NOX	0.3300 LB/MMBTU 30D AVG 0.3000 LB/MMBTU ANNUAL AVG	LOW NOX BURNERS ADVANCED OVERFIRE AIR	45.00
		CO	0.2000 LB/MMBTU 166.9000 LB/H	GOOD COMBUSTION PRACTICES	
		VOC	0.0027 LB/MMBTU 2.3000 LB/H	GOOD COMBUSTION PRACTICES	
BOILER, AUX, #2 OIL FIRED	304.80 MMBTU/H	PM/*	0.0100 LB/MMBTU 3.1000 LB/H	GOOD COMBUSTION/OPERATING PRACTICES	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		SO2	0.3100 LB/MMBTU		
			94.5000 LB/H		
				GOOD COMBUSTION/OPERATING PRACTICES	
		NOX	0.4000 LB/MMBTU		
			121.9000 LB/H		
				GOOD COMBUSTION/OPERATING PRACTICES	
		CO	0.2000 LB/MMBTU		
			61.0000 LB/H		
				GOOD COMBUSTION/OPERATING PRACTICES	
		VOC	0.0100 LB/MMBTU		
			3.1000 LB/H		
				GOOD COMBUSTION/OPERATING PRACTICES	

NOTES --------
ANNUAL EMISSIONS BASED ON 91.8% CAPACITY FACTOR. COAL S LIMITED TO 1.3%, 30D ROLLING AVG & 1%, ANNUAL AVG. VE LIMIT IS 10% OPA CITY. STACK TEST REQUIRED FOR PM10, SO2, NOX, VOC, BE. MAX 3H SO2 EMISSION LIMIT = 0.25 LB/MMBTU. #2 FUEL OIL S CONTENT LIMITED TO 0.3% , 30D ROLLING AVG, 0.2% ANNUALLY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 120.00 MMBTU/H

COMPANY NAME/SITE LOCATION: MERCK SHARP & DOHME , PA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 46-302-169
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY) — BILL SCHILDT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/16/87
ESTIMATED DATE OF START-UP--
(717)-787-9256 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	120.00 MMBTU/H			
		SO2	0.5000 % S BY WT. FUEL	BACT
		NOX	0.2000 LB/MMBTU	BACT
			LEA, LOW NOX BURN	

NOTES --------
CEM FOR NOX, OIL & GAS FIRED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/02/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS 25.00 MW

COMPANY NAME/SITE LOCATION: MERCK SHARP & DOHME WEST POINT, PA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 46-306-002
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
(717)-787-9256 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/11/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	310.00 MMBTU/H	NOX	42.0000 PPM AT 15% O2	STEAM INJECTION	BACT

NOTES --------
G.E. FRAME 5, GAS & OIL FIRED. SAME NOX LIMITATION AT 15% O2 DRY CEM - NOX, SOX, OPACITY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - MULTIPLE FUELS 120.00 MMBTU/H

COMPANY NAME/SITE LOCATION MULTITRADE OF MARTINSVILLE, INC. , VA
HENRY COUNTY

DETERMINATION IS B/N FOR A NEW SOURCE.
PERMIT NO. 30826
DETERMINATION MADE BY VIRGINIA SAPCB (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/24/87
ESTIMATED DATE OF START-UP-- 1989
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	120.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		
			12.0000 LB/H		
				MULTICYCLONE FOLLOWED BY AN ESP	97.00
		SO2	1.2000 LB/MMBTU		NSPS
			155.9800 LB/H, MAX		
		NO2	0.6000 LB/MMBTU		
			72.0000 LB/H		
		CO	0.4400 LB/MMBTU		
			53.3300 LB/H		
		VOC	0.1600 LB/MMBTU		
			18.6700 LB/H		
SILO, COAL HANDLING		PM	0.0200 GR/DSCF AT STD CONDITIONS		
			1.0300 LB/H		
				CYCLONE & BAGHOUSE IN SERIES	99.00
SILO, ASH HANDLING		PM	3.0000 GR/DSCF AT STD CONDITIONS		
			12.3500 LB/H		
				CYCLONE & BAGHOUSE IN SERIES	99.75

NOTES --------
CONSTRUCTION OF A 120 MMBTU/H WOOD/COAL COGEN BOILER. SOURCE IS LIM. TO 30% COAL USAGE/YR. PSD PERMIT PENDING. COAL SULFUR CONTENT NOT TO EXCEED 0.8% BY WT,30 D AVG,NOR 0.9% BY WT PER SHIPMENT. 90% SO2 REDUCTION NOT REQ. DUE TO THE 30% MAX COAL USAGE/YR, NSPS. FUG. EMIS FROM WOOD HANDLING & STORAGE CONTROLLED USING WASHED COAL,COVERED CONVEYORS, ENCLOSED ASH HANDLING SYS,& H2O SPRAYS. FUG. DUST FROM WOOD HANDLING & STORAGE CONTROLLED BY H2O SPRAYS. TESTING REQ. FOR PM,SO2,& NOX.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/02/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 537.00 MMBTU/H

COMPANY NAME/SITE LOCATION: P.H. GLATFELLER CO. , PA — YORK COUNTY

DETERMINATION IS BACT
PERMIT NO. 67-306-006
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/11/88
ESTIMATED DATE OF START-UP--
(717)-787-9256 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	633.00 MMBTU/H				
		PM	0.0500 LB/MMBTU		NSPS
				ESP	99.92
		SO2	1.2000 LB/MMBTU		NSPS
			90.0000 % REDUCTION		
				LIMESTONE INJECTION	90.00
		NOX	0.6000 LB/MMBTU		BACT
		CO	0.1600 LB/MMBTU		NSPS
		VE	10.0000 % OPACITY		BACT

NOTES --------
BOILER WILL BURN BITUMINOUS COAL & WOOD WASTE. CEM-SO2,NOX,OPACITY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/17/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 212.00 MW

COMPANY NAME/SITE LOCATION: PACIFIC THERMONETICS, INC. — CROCKETT, CA, CONTRA COSTA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. NSR 4-4-3, SFB 85-02
DETERMINATION MADE BY EPA REGION IX (AGENCY)

DATE OF PERMIT ISSUANCE-- 12/10/85
ESTIMATED DATE OF START-UP-- 1987

LINH TRAN (AGENCY CONTACT PERSON)
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
TURBINE, GAS, FRAME 7, 2 EA	1015.00 MMBTU/H			
		NOX	25.0000	PPMV AT 15%, NAT. GAS
			42.0000	PPMV AT 15%, FUEL OIL
				QUITE COMBUSTOR, NAT. GAS FIRING
				LIMITED TO 330 H/YR OF FUEL OIL FIRING
		PM	0.0400	GR/DSCF
			0.1100	% S BY WT.
				LOW S FUEL OIL & LIMITED TO 330 H/YR
BURNER, DUCT, HRSG, 2 EA	352.50 MMBTU/H			
		NOX	0.1000	LB/MMBTU
				LO-NOX BURNER
		PM		
				USE OF NAT. GAS IN THE HRSG BURNERS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: S.D. WARREN CO. MUSKEGON, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 29-86
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/21/86
ESTIMATED DATE OF START-UP-- 1989
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	395.00 MMBTU/H	PM	0.0600 LB/MMBTU, COAL/WOOD > 5%		B/N
			0.0500 LB/MMBTU, COAL/WOOD < 5%		
				ESP	99.00
		SO2	1.2000 LB/MMBTU, COAL/WOOD		NSPS
			90.0000 % REDUCTION, COAL/WOOD		
				DRY SCRUBBER	90.00
		SO2	0.8000 LB/MMBTU, FUEL OIL		NSPS
			90.0000 % REDUCTION, FUEL OIL		
				DRY SCRUBBER	90.00
		NOX	0.7000 LB/MMBTU, COAL/WOOD		BACT
				COMBUSTION DESIGN & CONTROLS	
		CO	0.5000 LB/MMBTU		BACT
				COMBUSTION DESIGN & CONTROLS	
		TRS	5.0000 PPMV		NSPS
				MIN FIREBOX TEMP & RESID. TIME, 1200 F & 0.5 S*	

NOTES --------
BOILER IS CAPABLE OF FIRING PULVERIZED COAL, BARK/WOOD RESIDUE IN SUSPENSION, NATURAL GAS, & #6 OIL. PRIMARY FUEL IS A 50-50 M IXTURE, BY HEAT INPUT, OF COAL & WOOD.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: TEXAS UTILITIES ELECTRIC CO. SAVOY, TX FANNIN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 17545
DETERMINATION MADE BY TEXAS ACB (AGENCY)
JAMES CROCKER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/10/87
ESTIMATED DATE OF START-UP-- 1988
(517)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	175.00 MW	VOC	28.5000 T/YR		BACT
		NOX	1822.0000 T/YR		
		SO2	3989.0000 T/YR		
		PM	365.5000 T/YR		
		CO	131.4000 T/YR		

NOTES --------
GRANDFATHERED STEAM GENERATING BOILER. FIRED BY #2 OIL & USED LUBRICATING FLUIDS. INSIGNIFICANT EMISSION OF HCL, AS, CD, CR, & PB AIR CONTAMINANTS IN THE COMBUSTION PRODUCTS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/29/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: THE DEXTER CORP. TWO ELM ST. WINDSOR LOCKS, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 213-0029
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
MARK PEAK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/29/89
ESTIMATED DATE OF START-UP-- 1989
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, NAT GAS & #2 FUEL OIL *	555.20 MMBTU/H NAT*	PM	0.0140	LB/MMBTU GAS FIRING	
			0.0350	LB/MMBTU OIL FIRING	
		SO2	0.1200	PPMVD AT 15% O2 GAS FIRING	
			51.0000	PPMVD AT 15% O2 OIL FIRING	
				LOW SULFUR FUEL - 0.28%	
		NOX	42.0000	PPMVD AT 15% O2 GAS FIRING	
			62.0000	PPMVD AT 15% O2 OIL FIRING	
				STEAM INJECTION	
		CO	0.1120	LB/MMBTU GAS FIRING	
			0.1090	LB/MMBTU OIL FIRING	

NOTES --------
THIS GAS TURBINE IS OPERATED SIMULTANEOUSLY WITH 2 NEBRASKA BOILERS & IS PART OF A 56 MW COGENERATION FACILITY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: THE DEXTER CORP., TWO ELM ST., WINDSOR LOCKS, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 213-0031 & 32
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
MARK PEAK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/29/89
ESTIMATED DATE OF START-UP-- 1989
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, NEBRASKA, #1	177.60 MMBTU/H GAS*			
		PM	0.0050 LB/MMBTU GAS FIRING	
			0.0140 LB/MMBTU OIL FIRING	
		SO2	0.1100 PPMVD AT 15% CO2 GAS FIRING	
			52.0000 PPMVD AT 15% CO2 OIL FIRING	
			LOW SULFUR FUEL OIL - 0.28%	
		NOX	29.0000 PPMVD AT 15% O2 GAS FIRING	
			52.0000 PPMVD AT 15% O2 OIL FIRING	
			LOW NOX BURNERS	
		CO	0.0820 LB/MMBTU	
BOILER, NEBRASKA, #2	177.60 MMBTU/H GAS*			
		PM	0.0050 LB/MMBTU GAS FIRING	
			0.0140 LB/MMBTU OIL FIRING	
		SO2	0.1100 PPMVD AT 15% CO2 GAS FIRING	
			52.0000 PPMVD AT 15% CO2 OIL FIRING	
			LOW SULFUR FUEL OIL - 0.28%	
		NOX	29.0000 PPMVD AT 15% O2 GAS FIRING	
			52.0000 PPMVD AT 15% O2 OIL FIRING	
			LOW NOX BURNERS	
		CO	0.0820 LB/MMBTU	

NOTES --------
THIS NEBRASKA BOILER IS OPERATED SIMUTANEOUSLY WITH ANOTHER NEBRASKA BOILER & A GE GAS TURBINE & FORMS A 56 MW COGENERATION FACILITY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS

COMPANY NAME/SITE LOCATION: TONDU ENERGY SYSTEMS, INC. — FILER CITY, MI

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 519-87
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY) — DHRUMAN SHAH (AGENCY CONTACT PERSON) — (517)-373-7023 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/20/87
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL/WOOD FIRED, FLUIDI*	689.00 MMBTU/H				
		PM	0.0140 LB/MMBTU		BACT
			10.0000 % OPACITY		
				BAGHOUSE	99.30
		SO2	0.4500 LB/MMBTU 30D ROLL AVG		BACT
			1.2000 LB/MMBTU 24H ROLL AVG		
				MAX 3% SULFUR, LIMESTONE INJ.	90.00
		NOX	0.5000 LB/MMBTU 30D ROLL AVG		BACT
				BOILER DESIGN & COMBUST CONTROLS	
		CO	0.2000 LB/MMBTU 8H ROLL AVG		BACT
				STACK MONITORS	
				BOILER DESIGN & COMBUST CONTROLS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER

COMPANY NAME/SITE LOCATION: COGENTRIX VIRGINIA LEASING CORP. — PORTSMOUTH, VA

DETERMINATION IS
PERMIT NO. 61049
DETERMINATION MADE BY VIRGINIA APCR (AGENCY)

CATHY TAYLOR (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/23/86
ESTIMATED DATE OF START-UP-- 1987
(804)-786-7767 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, 6 EA	200.00 MMBTU/H				
		PM	0.0300 LB/MMBTU		
			5.9000 LB/H		
				BAGHOUSE	99.00
		SO2	1.5200 LB/MMBTU		
			304.0000 LB/H		
				LOW SULFUR COAL, 0.9%	
		VOC	3.0000 EE-3 LB/MMBTU		
			0.6000 LB/H		
		NO2	120.0000 LB/H		
			565.6000 T/YR		
		CO	120.0000 LB/H		
			565.6000 T/YR		

NOTES --------
LIMITED TO 430992 TONS OF FUEL CONSUMED PER YEAR. CONSTRUCT A STEAM ELECTRICITY COGENERATION FACILITY. TO BE TESTED FOR PM & NOX.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/15/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 120.00 MW

COMPANY NAME/SITE LOCATION: CONTINENTAL ENERGY ASSOC. — HAZELTON, PA — LUZERNE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 40-306-007
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
MIKE SAFKO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/26/88
ESTIMATED DATE OF START-UP--
(717)-826-2531 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, HEAT RECOVERY	270.00 MMBTU/H			
		PM	0.0300 LB/MMBTU	BACT
		SO2	0.9060 LB/MMBTU	BACT
			0.5000 % S FUEL	
		NOX	0.1100 LB/MMBTU	BACT
GASIFER, COAL, 16 EA	1.50 T/H			
		PM	16 CYCLONE SEPERATORS	95.00
TURBINE, NAT GAS	785.00 MMBTU/H			
		SO2	150.0000 PPM AT 15% O2 DRY	B/N
		NOX	75.0000 PPM AT 15% O2 DRY STEAM INJ.	B/N

NOTES --------
ANTHRACITE COAL/CULM. FOUR GASIFERS - BACK-UP UNITS. NO NORMAL EXHAUST TO ATHOSPHERE FROM GASIFERS. EMERGENCY VENT IS CONTROLLED BY A FLARE.
HEAT RECOVERY BOILER IS DUCT BURNERS - COAL GAS FEED. NATURAL GAS TURBINE IS 70 MWE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER 140.00 MW

COMPANY NAME/SITE LOCATION: PACIFIC GAS & ELECTRIC CO. UNIT #21 , CA LAKE COUNTY

DETERMINATION IS
PERMIT NO. NC 84-02
DETERMINATION MADE BY EPA REGION IX (AGENCY)

BOB BAKER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/29/85
ESTIMATED DATE OF START-UP-- 1987
(415)-974-8923 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
POWER PLANT	140.00 MW	H2S	11.2500 LB/H	CATALYST ALONG M/TURBINE BYPASS STRETFORD SYS. M/H2O2	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/20/1987

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER

COMPANY NAME/SITE LOCATION: SOUTHERN CALIFORNIA EDISON CO. , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 146912
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY)
BILL BEHJAT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/02/86
ESTIMATED DATE OF START-UP-- 1987
(818)-572-6167 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BLASTING ROOM, ABRASIVE		PM	3.4000 LB/D	SMALL BAGHOUSE	BACT 98.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 121.00 MW

COMPANY NAME/SITE LOCATION: SOUTHERN CALIFORNIA EDISON CO. 37072 E. SANTA FE ST. — DAGGETT, CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. SE 80-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)
JANET STROMBERG (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/03/88
ESTIMATED DATE OF START-UP--
(415)-974-8218 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL GASIFIER		NOX	50.0000 PPMV 144.0000 LB/H	WATER SATURATOR	BACT
		CO	50.0000 PPMV 77.0000 LB/H	COMBUSTION PROCESS	BACT
		PM		CARBON SCRUBBER	UNRG 99.00
		SO2	9.4000 LB/H, LOW S COAL	LOW S COAL IS <0.7% S	UNRG
		SO2	65.0000 LB/H, HIGH S COAL	HIGH S COAL IS >0.7% S	UNRG

NOTES --------
MINOR MODIFICATION OF EXISTING PERMIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/22/1988

SOURCE TYPE/SIZE EXTERNAL COMBUSTION - OTHER

COMPANY NAME/SITE LOCATION TEXACO CHEMICAL CO. GROVES, TX JEFFERSON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 16909
DETERMINATION MADE BY TEXAS ACB (AGENCY)
KAREN HOWNE (AGENCY CONTACT PERSON)
(512)-451-5711 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/08/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2		PM	52.6000 T/YR		BACT
			GEP		
		CO	570.0000 T/YR		
		HCL	3.6000 T/YR		

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 01/29/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER

COMPANY NAME/SITE LOCATION: THERMAL ENERGY DEVELOPMENT CORP. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 87-25
DETERMINATION MADE BY SAN JOAQUIN CO. APCD (AGENCY)
SEYED SADREDIN (AGENCY CONTACT PERSON)
(209)-468-3474 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/11/87
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, BIOMASS FIRED	20.50 MM			
		NOX	667.8000 LB/D	
			0.1050 LB/MMBTU	
			THERMAL DE-NOX SYSTEM	75.00
			COMBUSTION MANGEMENT	
		SOX	381.0000 LB/YR	
			LIMESTONE INJ.	50.00
			FUEL MIX CONTROLS	
		PM	251.0000 LB/D	BACT
			0.0150 GR/DSCF AT 12% CO2	
			ESP & WET DUST SUPPRESSION	99.90
		CO	1310.6000 LB/D	
			0.2100 LB/MMBTU	
			EFFECTIVE COMBUSTION	
		VOC	307.0000 LB/D	
			0.0490 LB/MMBTU	
			EFFECTIVE COMBUSTION	

NOTES --------
ACTUAL PLANT HAS NOT BEEN CONTRACTED FOR YET.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 25.00 MW

COMPANY NAME/SITE LOCATION: THERMAL POWER — BEAR CREEK CANYON, CA, LAKE COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. NC 84-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)
MATT HABER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/20/85
ESTIMATED DATE OF START-UP--
(415)-974-8209 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
POWER PLANT, GEOTHERMAL	25.00 MW	H2S	2.0000 LB/H	STRETFORD PROCESS, H2O2/FE CATALYST, TURBINE B*	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 49.90 MW

COMPANY NAME/SITE LOCATION: VALLEY POWER ASSOC.
APPROX. 2 MI. SOUTH OF DELANO , CA — KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 84-02
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/24/84
ESTIMATED DATE OF START-UP-- 1986
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	190000.00 LB/H STEAM	SO2	38.0000 PPMV	LIMESTONE INJECTION	80.00
		NOX	143.0000 PPMV	COMBUSTION CONTROLS-STAGED COMBUSTION & LEA	60.00
		CO	329.0000 PPMV	COMBUSTION CONTROLS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/10/1986
SOURCE TYPE CODE 1.6

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 1875.00 MMBTU/H

COMPANY NAME/SITE LOCATION: VIRGINIA POWER — CHESTERFIELD, VA

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 50396
DETERMINATION MADE BY VIRGINIA SAPCB (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/15/88
ESTIMATED DATE OF START-UP-- 1990
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GE,2 EA	1875.00 MMBTU/H				
		PM	0.0110	LB/MMBTU	
			19.0000	LB/H	
				EQUIPMENT DESIGN	
		SO2	0.3300	LB/MMBTU	
			572.0000	LB/H	
				0.3% BY WT SULFUR LIMIT ON FUEL	
		VOC	17.0000	LB/H	
		NOX	42.0000	PPM	
			490.0000	LB/H	
				STEAM INJ. M/MAXIMAZATION	
				NSPS SUBPART GG	
		CO	140.0000	LB/H	
			544.0000	T/YR	
				EQUIPMENT DESIGN	
		PB	0.0330	LB/H	
			0.1340	T/YR	
				EQUIPMENT DESIGN	

NOTES --------
NAT GAS/DISTL OIL/COAL GAS FUEL. VOC LIMIT SET PER TESTING, SEE COND 12 OF PERMIT,ADJ < 17 LB/H. CONTROL PER EQUIP DESIGN. NON - CRITERIA POLL.-BE,HG,AS,FLUORINES,RADON-222,RADIONUCLIDES,& SULFURIC ACID MIST.MAX FUEL BOUND N2 CONTENT OF FUEL PER UNIT<0.015% BY WT NAT GAS & COAL, & 0.05% BY WT #2 OIL. CEM INSTALL PER SUBPART GG-NSPS GAS TURBINES,SO2 & NOX MONITORED. NOX LIM-42 PPM. AREA IS NONATTAINMENT FOR OZONE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/03/1988

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER

COMPANY NAME/SITE LOCATION: WHEELABRATOR DELANO ENERGY CO. , CA
KERN COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 3107001 THRU 8
DETERMINATION MADE BY KERN CO. APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/27/88
ESTIMATED DATE OF START-UP-- 1990
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FUEL RECEIVING OPER. #1					
		PM	7.7600 LB/H 93.1400 LB/D	FABRIC FILTER & H2O SPRAY LIMITED TO 12 H/D	LAER
		VE	20.0000 % OPACITY		
FUEL RECEIVING OPER. #2					
		PM	3.1800 LB/H 38.1600 LB/D	FABRIC FILTER LIMITED TO 12 H/D	
FUEL RECEIVING OPER. #3					
		PM	2.9100 LB/H 34.9700 LB/D	FABRIC FILTER LIMITED TO 12H/D	LAER
RECEIVING & STORAGE, LIMESTONE					
		PM	0.3100 LB/H 0.3100 LB/D	BIN VENT FILTER LIMITED TO 1 LOAD/D, 15 MIN UNLOAD TIME	LAER
RECEIVING & STORAGE, SAND					
		PM	0.5200 LB/H 0.5200 LB/D	BIN VENT FILTER & FABRIC COLLECTOR LIMITED TO 1 LOAD/D	LAER

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/15/1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FUEL RECLAIMATION, SCREEN/STORE					
		PM	0.8300 LB/H		LAER
			19.9600 LB/D		
				FABRIC COLLECTION	
				VENTILATION SYSTEM	
BOILER, FBC, BIOMASS FIRED	400.00 MMBTU/H				
		PM	17.7400 LB/H		LAER
			0.0440 LB/MMBTU		
				MULTICLONE/FABRIC FILTER	
		SOX	13.8800 LB/H		LAER
			0.0347 LB/MMBTU		
				LIMESTONE INJ	90.00
		NOX	31.9800 LB/H		LAER
			0.0799 LB/MMBTU		
				EXXON THERMAL DE-NOX	70.00
		VOC	32.0000 LB/H		LAER
			0.0800 LB/MMBTU		
		CO	56.0000 LB/H		
			0.1400 LB/MMBTU		
MATL HANDLING, ASH					
		PM	0.0200 LB/H		LAER
			0.4100 LB/D		
				FABRIC FILTER	
				CONVEYING & STORAGE SYSTEM	

NOTES --------
THREE FABRIC COLLECTORS PLUS STORAGE PILE FUGITIVE EMISSIONS INCLUDED IN FUEL RECEIVING OPERATION #1 PM LIMIT. 400 MMBTU/H BIO MASS FIRED BOILER LIMIT BASED ON A TOTAL PM EMISSION RATE OF 0.02 GR/DSCF.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. DATE ENTERED/UPDATED: 12/15/1988

SOURCE TYPE/SIZE: REFUSE INCINERATION — 120.00 T/D

COMPANY NAME/SITE LOCATION: ALTERNATIVE FUELS INDUSTRIES — FRANKLIN, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-759
DETERMINATION MADE BY SOUTHWEST OHIO APCA (AGENCY)
THOMAS TUCKER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/17/85
ESTIMATED DATE OF START-UP-- 1986
(513)-251-8777 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR	120.00 T/D	PM	0.0300 GR/DSCF AT 12% CO2	CYCLONE, ESP	BACT 98.50
		SO2	9.0000 LB/H	LIMESTONE IN COMBUSTION BED	BACT 25.00
		NOX	16.6000 LB/H		BACT
		CO	16.0000 LB/H	DESIGN & OPERATING PRACTICES	BACT 90.00
		VOC	3.8000 LB/H	DESIGN & OPERATING PRACTICES	BACT 50.00
		BE	0.0220 LB/D		BACT
		HG	7.0500 LB/D		BACT
		HCL	5.3000 LB/H	LIMESTONE COMBUSTION BED	BACT 40.00
		PB	0.5000 LB/H	CYCLONE, ESP	BACT 70.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/25/1985

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: AMERICAN REF FUEL OF SE CONNECTICUT, ROUTE 12, PRESTON, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 150-0001
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
MARK HULTMAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/12/88
ESTIMATED DATE OF START-UP-- 1991
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MSW FIRED	300.00 T/D	PM10	0.0150 GR/DSCF AT 12% CO2	FABRIC FILTER	99.70
		SO2	0.3200 LB/MMBTU	DRY GAS SCRUBBER	70.00
		NOX	0.6000 LB/MMBTU	COMBUSTION TECHNIQUES	
		VOC	70.0000 PPMVD	COMBUSTION TECHNIQUES	
		CO	100.0000 PPMVD	COMBUSTION TECHNIQUES	99.90
		PB	0.0015 LB/MMBTU	DGS/FABRIC FILTER	99.00
INCINERATOR, MSW FIRED	300.00 T/D	PM10	0.0150 GR/DSCF AT 12% CO2	FABRIC FILTER	99.70
		SO2	0.3200 LB/MMBTU	DRY GAS SCRUBBER	70.00
		NOX	0.6000 LB/MMBTU	COMBUSTION TECHNIQUES	
		VOC	70.0000 PPMVD	COMBUSTION TECHNIQUES	
		CO	100.0000 PPMVD	COMBUSTION TECHNIQUES	99.90

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

(CONTINUED) AMERICAN REF FUEL OF SE CONNECTICUT

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		PB	0.0015 LB/MMBTU	DGS/FABRIC FILTER	99.00

NOTES --------
THERE ARE TWO DEUTSCHE BABCOCK ANLAGEN 300 T/D MSW FIRED FURNACE/BOILERS AT THIS SOURCE. DRY GAS SCRUBBER FABRIC FILTER TECHNO
LOGY & GOOD COMBUSTION TECHNIQUES ARE BACT FOR THIS FACILITY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE REFUSE INCINERATION 2274.00 T/D

COMPANY NAME/SITE LOCATION AMERICAN REF-FUEL OF ESSEX COUNTY NEWARK, NJ ESSEX COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW JERSEY DEP (AGENCY)
ROBERT YEATES (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/11/85
ESTIMATED DATE OF START-UP-- 1989
(609)-292-0418 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 3		PM *	0.0150	GR/DSCF AT 7% O2,SEE NOTE#1	LAER
				DRY SCRUBBER & ESP	
		PM,*	0.1000	GR/DSCF AT 12% CO2	SIP
		VE	20.0000	% OPACITY EXCEPT < 3 MIN/30 MIN	SIP
			40.0000	% OPACITY, NEVER EXCEEDED	
		SO2	100.0000	PPMVD AT 7% O2,SEE NOTE#2	BACT
				DRY SCRUBBER & ESP	
		HCL	50.0000	PPMVD AT 7% O2,SEE NOTE#2	SIP
			90.0000	% CONTROL	
				DRY SCRUBBER & ESP	
		HF	0.8200	LB/H	BACT
				DRY SCRUBBER & ESP	
		CO	126.0000	LB/H, ANY 1 H	BACT
			400.0000	PPMVD AT 7% O2,H AVG,SEE NOTE#2	
				AUX BURNERS FIRING #2 OIL	
				AUTOMATIC AIR/FUEL CONTROL	
		CO	100.0000	PPMVD AT 7% O2,4 D AVG,SEE NOTE#2	BACT
				AUX BURNERS FIRING #2 OIL	
				AUTOMATIC AIR/FUEL CONTROL	
		NOX	95.0000	LB/H	BACT
			300.0000	PPMVD AT 7% O2,1 H AVG,SEE NOTE#2	
		H2S*	4.0000	LB/H, SEE NOTE#3	BACT
				DRY SCRUBBER & ESP	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

(CONTINUED) AMERICAN REF-FUEL OF ESSEX COUNTY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		PB	0.5000 LB/H, QUARTERLY AVG	DRY SCRUBBER & ESP	BACT
		HG	0.0530 LB/H	DRY SCRUBBER & ESP	BACT
		AS	5.1000 EE-3 LB/H, SEE NOTE#4	DRY SCRUBBER & ESP	BACT
		BE	2.5000 EE-4 LB/H, SEE NOTE#4	DRY SCRUBBER & ESP	BACT
		CD	0.0430 LB/H, SEE NOTE#4	DRY SCRUBBER & ESP	BACT
		CR	0.0120 LB/H, SEE NOTE#4	DRY SCRUBBER & ESP	BACT
		NI	3.3000 EE-3 LB/H, SEE NOTE#4	DRY SCRUBBER & ESP	BACT
		NMHC	6.3000 LB/H 70.0000 PPMVD AT 7% O2,1H AVG	AUX BURNERS FIRING #2 OIL, SEE NOTE#6 AIR/FUEL CONTROLS, TEMP MONITOR	LAER
		TCDD	1.0000 EE-5 LB/H,SEE NOTE#5	AUX BURNERS FIRING #2 OIL, SEE NOTE#6 AIR/FUEL CONTROLS, TEMP MONITOR	SIP
		PAH	0.2900 LB/H, SEE NOTE#5	AUX BURNERS FIRING #2 OIL, SEE NOTE#6 AIR/FUEL CONTROLS, TEMP MONITOR	SIP
SILO, LIME, 4 EA	5250.00 CU FT	PM	0.2000 LB/H	BAGHOUSE	LAER 99.00

NOTES --------
NOTE#1 - THIS IS A THREE RUN AVERAGE. ANY SOOT BLOWING RUN IS ALLOWED 0.03 GR/DSCF. NOTE#2 - DETERMINED BY CONTINUOUS EMISSION MONITORING. NOTE#3 - REPERSENTS THE SUM OF H2SO4 MIST & SO3. NOTE#4 - AS,BE,CD,CR, & NI ARE ANNUAL AVERAGES. NOTE#5 - ANNUAL AVERAGES. NOTE#6 - FURANCE MAINTAIN 1500 F AT POINT 1 SECOND AFTER SECONDARY AIR INJECTION & MUST MAINTAIN 6% O2 AT BOILER EXIT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE REFUSE INCINERATION

COMPANY NAME/SITE LOCATION AMERICAN REFFUEL HEMPSTEAD, NY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)

DICK FORGEA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/06/86
ESTIMATED DATE OF START-UP-- 1989
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 3 EA	750.00 T/D	PM	0.0150 GR/DSCF	BAGHOUSE	BACT
		NOX	255.0000 PPMDV	FURNACE DESIGN	BACT
		SO2	70.0000 % REMOVAL	DRY SCRUBBER	BACT 70.00
		CO	400.0000 PPM, 1 H 100.0000 PPM, 8 H	FURNACE DESIGN	LAER
		VOC	21.5000 LB/H	FURNACE DESIGN	LAER

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: BFI MEDICAL WASTE SYSTEMS, INC. , UT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY UTAH BAQ (AGENCY) DAVE KOPTA (AGENCY CONTACT PERSON) (801)-538-6108 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, GAS FIRED	1350.00 LB/H				
		PM	0.3900 LB/H		BACT
			0.0100 GR/DSCF		
			SEE NOTES		
		NOX	6.9500 LB/H		BACT
			215.0000 PPM		
			SEE NOTES		
		CO	0.9800 LB/H		BACT
			100.0000 PPM		
			SEE NOTES		
		HCL	0.7700 LB/H		BACT
			30.0000 PPM		
			SEE NOTES		
		VE	0.0000 % OPACITY		BACT
			SEE NOTES		

NOTES --------
MODEL MAV - III VARIABLE THROAT VENTURI SCRUBBER. MODEL M-104 PACKED TOWER ABSORPTION SYSTEM.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: BRIDGEPORT RESOURCE RECOVERY FACILITY, 6 HOWARD AVE., BRIDGEPORT, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 015-0097 THRU 99
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)

JOSEPH ULEVICUS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/15/90
ESTIMATED DATE OF START-UP-- 1988
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, SOLID WASTE, #1	31.23 T/H				
		PM	0.0340 LB/MMBTU	FABRIC FILTER	99.00
		SO2	0.3200 LB/MMBTU	DRY GAS SCRUBBER	70.00
		NOX	0.6000 LB/MMBTU	COMBUSTION METHODS	
		VOC	0.0460 LB/MMBTU	COMBUSTION METHODS	
		CO	0.2800 LB/MMBTU	COMBUSTION METHODS	
		PB	0.0016 LB/MMBTU	COMBUSTION METHODS	
		HAZ*		NO LIMITS GIVEN	
INCINERATOR, SOLID WASTE, #2	31.23 T/H				
		PM	0.0340 LB/MMBTU	FABRIC FILTER	99.00
		SO2	0.3200 LB/MMBTU	DRY GAS SCRUBBER	70.00
		NOX	0.6000 LB/MMBTU	COMBUSTION METHODS	
		VOC	0.0460 LB/MMBTU	COMBUSTION METHODS	
		CO	0.2800 LB/MMBTU	COMBUSTION METHODS	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		PB	0.0016 LB/MMBTU	COMBUSTION METHODS	
		HAZ*		NO LIMITS GIVEN	
INCINERATOR, SOLID WASTE, #3	31.23 T/H	PM	0.0340 LB/MMBTU	FABRIC FILTER	99.00
		SO2	0.3200 LB/MMBTU	DRY GAS SCRUBBER	70.00
		NOX	0.6000 LB/MMBTU	COMBUSTION METHODS	
		VOC	0.0460 LB/MMBTU	COMBUSTION METHODS	
		CO	0.2800 LB/MMBTU	COMBUSTION METHODS	
		PB	0.0016 LB/MMBTU	COMBUSTION METHODS	
		HAZ*		NO LIMITS GIVEN	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION — 2200.00 T/D

COMPANY NAME/SITE LOCATION: CE - RESOURCE RECOVERY SYSTEMS — DETROIT, MI

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 468-83
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)

RANDAL TELESZ (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/09/84
ESTIMATED DATE OF START-UP-- 1987
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WATER WALL, 3	45.70 T RDF/H EA				
		PM	0.0300 GR/DSCF AT 12% CO2		LAER
			40.3000 LB/H		
				ESP	99.95
		SO2	457.1000 LB/H, NOTE #2		BACT
		NOX	226.0000 LB/H		BACT
				OPTIMUM COMB. COND. SPECIFIED	
		CO	249.0000 LB/H		LAER
				OPTIMUM COMB. COND. SPECIFIED	
		VOC	20.5000 LB/H		BACT
		VE	20.0000 % OPACITY		BACT
				CONTROLED BY USE OF AUX. FUEL	
		PB	1.3700 LB/H		BACT
				SEE NOTE 4	
		HCL	294.0000 LB/H		BACT
		HG	0.0700 LB/H		BACT
				SEE NOTE 4	
		CD	0.0850 LB/H		BACT
				SEE NOTE 4	
		CHR*	3.5000 LB/H		BACT
				SEE NOTE 4	
		CHR*	0.0160 LB/H		BACT
				SEE NOTE 4	
		DIO*	4.3000 EE-3 LB/H		BACT
				SEE NOTE 5	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

(CONTINUED) CE - RESOURCE RECOVERY SYSTEMS

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		F	3.7500 LB/H	BACT

NOTES --------
NOTE 1-ONLY 2 BOILERS ARE IN OPERATING MODE AT ANY TIME. AUXILIARY FUEL USED IS #2 FUEL OIL W/0.30% BY WT SULFUR FUEL LIMIT. N
OTE 2-SO2 LIMIT BASED 0.25% BY WT SULFUR IN RDF. NOTE 3-EMISSION LIMITS ARE PER BOILER UNLESS OTHERWISE NOTED.
NOTE 4-CONTROL PROVIDED BY REMOVAL DURING FUEL PREPARATION & PARTIALLY BY THE ESP. NOTE 5-CONTROLLED BY MAINTAINING MIN. COMB.
CHAMBER TEMP. OF 1800F & MINIMUM RETENTION TIME OF 1.0 SECOND, AUX. FUEL IS USED AS REQUIRED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION — 2688.00 T/D

COMPANY NAME/SITE LOCATION: CHESTER SOLID WASTE ASSOCIATES — CHESTER, PA — DELAWARE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 23-340-002
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
THOMAS MCGINLEY (AGENCY CONTACT PERSON)
(215)-270-1920 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/23/88
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN/ROTARY, *	448.00 T/D				
		PM	0.0150	GR/DSCF	BACT
				FABRIC FILTER	
		HCL	30.0000	PPMV	BACT
			90.0000	% CONTROL	
				DRY SCRUBBER	90.00
		SO2	30.0000	PPMV	BACT
			70.0000	% CONTROL	
					70.00
		CO	100.0000	PPMV, 8H AVG	BACT
			400.0000	PPMV, 1H AVG	
				COMBUSTION CONTROL	
		NOX	235.0000	PPMV, DAILY AVG	BACT
				COMBUSTION CONTROL	
		PCD*	2.0000	NG/CUBIC METER	BACT

NOTES --------
ALL STACK CONCENTRATION ARE CORRECTED TO 7% O2 DRY. CEM - VE,SO2,HCL,CO,CO2,& O2. 1800 DEG F - 1 SEC. COMBUSTION EFFICIENCY MU ST BE AT LEAST 99.9% 8 H AVG. STACK TESTS - PM,HCL,AS,CD, CR,NI,PCDD/PCDF. TESTING SHALL BE CONDUCTED EVERY 6 MONTHS EXCEPT FOR PCDD/PCDF WHICH IS TESTED ANNUALLY. SO2 & HCL LIMITS ARE FOR 1 HOUR. PCD IS PCDD/PCDF, 2,3,7,8 TCDD EQUIV. SOURCE IS 6 INCINERATORS AT 448 T/D EACH.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1700.00 T/D RDF

COMPANY NAME/SITE LOCATION: CITY & COUNTY OF HONOLULU, H-POWER, EWA BEACH — OAHU, HI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. HI 84-01
DETERMINATION MADE BY HAWAII DOH (AGENCY)
DAVID TUNISON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/19/87
ESTIMATED DATE OF START-UP-- 1990
(808)-548-6410 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, RDF FIRED, 2 EA	850.00 T/D	VE	20.0000 % OPACITY		SIP
				ESP	
		PM	0.0150 GR/DSCF AT 12% CO2		BACT
			24.0000 LB/H 3H AVG		
				ESP	99.00
		SO2	30.0000 PPMV, DRY AT 12% CO2, 24H AVG		BACT
			70.0000 PPMV, DRY AT 12% CO2, 8H AVG		
				DRY SCRUBBER & ESP	84.00
		NOX	260.0000 PPMV, DRY AT 12% CO2		BACT
			340.0000 LB/H, 3H AVG		
				COMBUSTION CONTROL	
		CO	377.0000 PPMV, DRY AT 12% CO2		BACT
			300.0000 LB/H, 3H AVG		
				COMBUSTION CONTROL	
		VOC	21.0000 PPMV, DRY AT 12% CO2		BACT
			18.0000 LB/H, 3H AVG		
				COMBUSTION CONTROL	
		PB	0.0028 LB/T RDF		BACT
			0.2000 LB/H, 3H AVG		
				DRY SCRUBBER & ESP	99.00
		HG	0.0022 LB/T RDF		BACT
			0.1600 LB/H, 3H AVG		
				DRY SCRUBBER & ESP	
				140 DEG C MAX INLET TEMP TO ESP	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/03/1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		F	0.0360 LB/T RDF 2.6000 LB/H, 3H AVG	DRY SCRUBBER & ESP	BACT
		BE	1.3000 EE-5 LB/T RDF 9.0000 EE-4 LB/H, 3H AVG	DRY SCRUBBER & ESP	BACT

NOTES --------
COMBUSTION TEMPERATURE OF 1800 F MINIMUM REQUIRED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/03/1988

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1350.00 T/D

COMPANY NAME/SITE LOCATION: CITY OF LONG BEACH — LONG BEACH, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. LA 83-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)

BOB BAKER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/23/85
ESTIMATED DATE OF START-UP-- 1987
(415)-974-8923 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WATER WALL, 3 EA	450.00 T/D				
		SO2	26.0000 PPM AT 12% CO2, 8 H AVG	BAGHOUSE & DRY SCRUBBER	80.00
		PB	0.0800 LB/H	BAGHOUSE SPRAY DRYER	
		HG	0.1300 LB/H	BAGHOUSE SPRAY DRYER	
		HF	3.3000 LB/H	DRY SCRUBBER	90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/20/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: CONN. RESOURCE RECOVERY AUTHORITY, RESERVE ROAD, HARTFORD, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 075-0044 THRU 46
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
JOSEPH ULEVICUS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/01/90
ESTIMATED DATE OF START-UP-- 1987
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, RDF, BITUMIOUS COA*	326.00 MMBTU/H	PM	0.0150	GR/DSCF AT 7% O2 FABRIC FILTER	99.70
		SO2	0.5500	LB/MMBTU, COAL FIRING	
			0.3200	LB/MMBTU, RDF FIRING DRY GAS SCRUBBING	70.00
		NOX	0.6000	LB/MMBTU COMBUSTION CONTROLS	
		VOC	70.0000	PPMV AT 7% O2 COMBUSTION CONTROLS	
		CO	200.0000	PPMV AT 7% O2 COMBUSTION CONTROLS	
		HAZ*		NO LIMITS LISTED	
INCINERATOR, RDF, BITUMIOUS COA*	326.00 MMBTU/H	PM	0.0150	GR/DSCF AT 7% O2 FABRIC FILTER	99.70
		SO2	0.5500	LB/MMBTU, COAL FIRING	
			0.3200	LB/MMBTU, RDF FIRING DRY GAS SCRUBBING	70.00
		NOX	0.6000	LB/MMBTU COMBUSTION CONTROLS	
		VOC	70.0000	PPMV AT 7% O2 COMBUSTION CONTROLS	
		CO	200.0000	PPMV AT 7% O2 COMBUSTION CONTROLS	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

(CONTINUED) CONN. RESOURCE RECOVERY AUTHORITY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		HAZ*		NO LIMITS LISTED	
INCINERATOR, RDF, BITUMIOUS COA*	326.00 MMBTU/H				
		PM	0.0150	GR/DSCF AT 7% O2	
				FABRIC FILTER	99.70
		SO2	0.5500	LB/MMBTU, COAL FIRING	
			0.3200	LB/MMBTU, RDF FIRING	
				DRY GAS SCRUBBING	70.00
		NOX	0.6000	LB/MMBTU	
				COMBUSTION CONTROLS	
		VOC	70.0000	PPMV AT 7% O2	
				COMBUSTION CONTROLS	
		CO	200.0000	PPMV AT 7% O2	
				COMBUSTION CONTROLS	
		HAZ*		NO LIMITS LISTED	

NOTES --------
COMBUSTION EFFICIENCY EQUALS 99.8%, CO/CO2 = 0.002

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE. DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: CONNECTICUT RESOURCES RECOVERY AUTHORITY — SHELTON, CT
866 RIVER RD

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 163-0038
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)

ANITA MASIH (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/29/89
ESTIMATED DATE OF START-UP-- 1990
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FLARE, ACTIVE PERIMETER	1300.00 SCFM				
		PM	0.0700 LB/MMBTU	COMBUSTION METHODS	
		SOX	50.0000 PPM	COMBUSTION METHODS	
		NOX	0.0800 LB/MMBTU	COMBUSTION METHODS	
		VOC	0.5100 LB/H	FLARE	98.00
		CO	0.2000 LB/MMBTU	COMBUSTION METHODS	

NOTES --------
THIS FLARE OPERATES ON A LANDFILL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: CONTINENTAL THERMAL DESTRUCTION — GREEN RIVER, UT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. BAQE-890-89
DETERMINATION MADE BY UTAH BAQ (AGENCY)

DAVE KOPTA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/13/89
ESTIMATED DATE OF START-UP-- 1990
(801)-538-6108 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, GAS FIRED, 2 EA	2100.00 LB/H				
		PM	0.1900 LB/H	SEE NOTES	BACT
		PM10	0.1900 LB/H	SEE NOTES	BACT
		SO2	0.3500 LB/H	SEE NOTES	BACT
		NOX	3.7000 LB/H	SEE NOTES	BACT
		HCL	0.5000 LB/H	SEE NOTES	BACT
		CO	1.0000 LB/H	SEE NOTES	BACT
		VE	10.0000 % OPACITY	SEE NOTES	BACT

NOTES ---------
RARING CORPORATION AGGLOMERATIVE & CONDENSING GAS SCRUBBER SYSTEM, ACGS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: BRAVO ENERGY RESOURCES — MONTGOMERY, PA

DETERMINATION IS BACT
PERMIT NO. 46-340-002
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/23/87
ESTIMATED DATE OF START-UP--
(717)-787-9256 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 2 EA	600.00 T/D				
		PM	0.0150	GR/DSCF	BACT
				ESP	99.00
		HCL	30.0000	PPM	BACT
			90.0000	% REDUCTION	
				SPRAY DRYER	90.00
		SO2	30.0000	PPM	BACT
			70.0000	% REDUCTION	
				SPRAY DRYER	70.00
		NOX	300.0000	PPMV	BACT
		CO	100.0000	PPMV, 24 H AVG	BACT
		PCDD	2.0000	NG/NORMAL METER CUBED	BACT
		MEA*			BACT

NOTES ---------
400 PPMV, 7% O2, CO ON AN HOURLY AVG., COMBUSTION EFF. MUST BE 99.9% DAILY, TEMP=1800F & 1 SEC. RESIDENCE TIME. CEM - CO,SO2,NO2,HCL,OPACITY,O2. TESTING FOR - PM,HCL,AS,CD,CR,NI,PB,ZN, PCDD,PCDF.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/11/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION 1800.00 T/D

COMPANY NAME/SITE LOCATION: ENERGAN RESOURCES, INC. LOS ANGELES, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. LA 84-02
DETERMINATION MADE BY EPA REGION IX (AGENCY)
BOB BAKER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/00/84
ESTIMATED DATE OF START-UP-- 1988
(415)-974-8923 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WATER WALL, 4 EA	450.00 T/D	SO2	26.0000 PPM AT 12% CO2, 5 H AVG	DRY SCRUBBER	90.00
		HG	0.1200 LB/H	BAGHOUSE, DRY SCRUBBER	
		PB	0.2600 LB/H	BAGHOUSE, DRY SCRUBBER	
		HF	0.3200 LB/H	DRY SCRUBBER	95.00

NOTES --------
ALSO KNOWN AS THE COMPTON ENERGY RESOURCE RECOVERY FACILITY-CERRF.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/20/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION — 184.48 MMBTU/H

COMPANY NAME/SITE LOCATION: ENERGY RESOURCES OF HENRICO, INC. , VA — HENRICO COUNTY

DETERMINATION IS
PERMIT NO. 50979
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

KATHERINE MILLER (AGENCY CONTACT PERSON)
(804)-786-1433 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/29/89
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	93.24 MMBTU/H				
		PM	0.0100 GR/DSCF AT 12% CO2		
			8.3000 T/YR		
				BAGHOUSE	99.87
		SO2	0.1840 LB/MMBTU		
			17.2000 LB/H		
				NOTE 2	
		NO2	0.4140 LB/MMBTU		
			38.6000 LB/H		
				LOW EXCESS AIR/OVERFIRED AIR/WATERWALL	12.00
		CO	38.7000 LB/H		
			165.0000 T/YR		
				SYSTEM DESIGN	26.00
		PB	0.0300 LB/H		
			0.1200 T/YR		
				BAGHOUSE	99.80
		ACI*	14.8000 LB/D		
			0.7000 LB/H		
				NOTE 2	70.00
		HCL	70.5600 LB/D		
			2.9400 LB/H		
				NOTE 2	70.00
		HF	2.1600 LB/D		
			0.0900 LB/H		
				NOTE 2	70.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/24/1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		HBR	9.6000 LB/D	
			0.4000 LB/H	
			NOTE 2	70.00
		AS	7.9000 EE-4 LB/H	
			3.4000 EE-3 T/YR	
			PERMIT LIMITS	
		BE	1.6000 EE-5 LB/H	
			6.8000 EE-5 T/YR	
			PERMIT LIMITS	
		CD	1.4000 EE-3 LB/H	
			6.0000 EE-2 T/YR	
			PERMIT LIMITS	
		CR	5.2000 EE-3 LB/H	
			2.2000 EE-2 T/YR	
			PERMIT LIMITS	
		NI	5.0000 EE-4 LB/H	
			2.0000 EE-3 T/YR	
			PERMIT LIMITS	
		HG	0.0330 LB/H	
			0.1400 T/YR	
			PERMIT LIMITS	
		COB*	2.6400 EE-5 LB/H	
			1.1000 EE-4 T/YR	
			PERMIT LIMITS	
		TCDD	2.3700 EE-5 LB/H	
			1.0000 EE-4 T/YR	
			PERMIT LIMITS	
		TCDF	5.2500 EE-5 LB/H	
			2.2400 EE-4 T/YR	
			PERMIT LIMITS	
		PCDD	1.1000 EE-5 LB/H	
			4.6700 EE-4 T/YR	
			PERMIT LIMITS	
		PCDF	3.5000 EE-5 LB/H	
			1.5000 EE-4 T/YR	
			PERMIT LIMITS	
		BAP	0.0010 LB/H	
			0.0050 T/YR	
			PERMIT LIMITS	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/24/1989

(CONTINUED) ENERGY RESOURCES OF HENRICO, INC.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES --------
NOTE 1-CONSTRUCTION OF A RDF FIRED ELECTRIC GENER. PLANT. 2 RDF BOILERS W/NAT GAS AUX BURNERS. EACH BOILER EQUIPED W/SEMI-DRY SCRUBBER FOLLOWED BY A BAGHOUSE & A STEAM TURBINE ELECTRIC GENERATOR. NOTE 2- BOILER ACID GAS EMIS SHALL BE CONDUCTED BY THE SEMI-DRY SCRUBBER. SCRUBBERS HAVE MIN 70% CONTROL EFF BY WT FOR SO2 & 90% BY WT REMOVAL OF HCL BUT M UST NOT EXCEED THE SPECIFIC MASS EMISSION RATES. NOTE 3-NSPS SUBPART E APPLIES.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. DATE ENTERED/UPDATED: 04/24/1989

SOURCE TYPE/SIZE: REFUSE INCINERATION — 710.00 T/D RDF

COMPANY NAME/SITE LOCATION: ERIE ENERGY RESOURCE, INC. — ERIE, PA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 25-340-001
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/05/87
ESTIMATED DATE OF START-UP-- 1988
(717)-787-4324 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, CFB, 2		PM	0.0150 GR/DSCF AT 7% O2 DRY		BACT
				FABRIC FILTER	
		HCL	30.0000 PPMV		BACT
			90.0000 % REDUCTION		
				LIMESTONE INJECTION	
		SO2	50.0000 PPMV		BACT
			70.0000 % REDUCTION		
		CO	100.0000 PPMV		BACT
			32.0000 LB/H		
		PCD*	2.0000 NG/NORMAL METER CUBED AT 7% O2 DRY		
		VE	10.0000 % OPACITY, WITH 3 MIN EXCLUSION/H		

NOTES --------
CEM-VE,SO2,NOX,HCL,CO2,CO,O2. STACK TEST-PM,AS,CD, HEXAVALENT CR,NI,PB,BE,HG,ZN,PCDD & PCDF. TESTS SHALL BE CONDUCTED EVERY SI
X MONTHS EXCEPT FOR PCDD/PCDF WHICH SHALL BE TESTED FOR ANNUALLY. COMBUSTION EFFIENCY MUST EQUAL 99%, 1 H AVG.
WASTE HEAT WILL BE RECOVERED VIA 23.0 MW STEAM TURBINE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 07/24/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: GLENDON ENERGY CO. GLENDON BOROUGH, PA NORTHAMPTON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 48-340-003
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
THOMAS MCGINLEY (AGENCY CONTACT PERSON)
(215)-270-1920 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/05/90
ESTIMATED DATE OF START-UP-- 1993

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASSBURN, 2 EA	250.00 T/D	PM10	0.0100 GR/DSCF	FABRIC COLLECTOR	BACT
		SO2	30.0000 PPMV, 1H		BACT
			75.0000 % REDUCTION	SPRAY DRYER	75.00
		CO	50.0000 PPMV, 8H		BACT
			200.0000 PPMV, 1H	COMBUSTION CONTROL	
		NOX	200.0000 PPMV, 24H	SNCR	BACT
		HCL	30.0000 PPMV, 1H		SIP
			90.0000 % REDUCTION	SPRAY DRYER	90.00
		PCD*	1.0000 NG/CUBIC METER	COMBUSTION CONTROL	SIP

NOTES --------
STACK CONCENTRATIONS - DRY & CORRECTED TO 7% O2. COMBUSTION EFFICIENCY 99.95%, 8H. CEMS FOR VE,CO,SO2,NOX,& HCL. STACK TESTING REQUIRED FOR PM,PM10,HCL,NOX,SO2,AS,BE,CD,CR+6,PB,HG,NI,ZN,& PCDD & PCDF. TESTING EVERY 6 MONTHS FOR ALL BUT PCDD/PCDF,HCL,SO2,& NOX. PCDD/PCDF TESTING ANNUALLY & CO,HCL,SO2,& NOX TESTING AS REQUIRED FOR SYSTEM AUDITS OF THE CEMS. SIP DUE TO BAT REQUIREMENT IN SIP.

DATE ENTERED/UPDATED: 03/31/1990

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE CODE 2.1

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1212.00 T/D

COMPANY NAME/SITE LOCATION: HENNEPIN ENERGY RESOURCE CO. — MINNEAPOLIS, MN

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 2125
DETERMINATION MADE BY MINNESOTA PCA (AGENCY)

LOUIS CHAMBERLAIN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/27/87
ESTIMATED DATE OF START-UP-- 1989
(612)-296-7625 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MSW	1212.00 T/D				
		PM	0.0200	GR/DSCF AT 12% CO2	
				SEE NOTE#7	
				SEE NOTE#1	
		SO2	0.5500	LB/T MSW	
				SEE NOTE#7	
				SEE NOTE#1	
		NOX	250.0000	PPM CORR. TO 12% CO2	
				SEE NOTE#2	
		VOC	0.1200	LB/T MSW	
				SEE NOTE#3	
		CO	100.0000	PPM CORR. TO 12% CO2	
				SEE NOTE#7	
				SEE NOTE#4	
		PB	7.0000	EE-3 LB/T MSW	
				SEE NOTE#7	
				SEE NOTE#4	
		PCD*	3.0000	NG/DSCM	
				SEE NOTE#7	
				SEE NOTE#5	
		HG	2.0000	EE-3 LB/T MSW	
				SEE NOTE#7	
				SEE NOTE#4	
		HCL	90.0000	% REMOVAL	
			50.0000	PPM	
				SEE NOTE#7	
				SEE NOTE#6	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/11/1987

(CONTINUED) HENNEPIN ENERGY RESOURCE CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					

NOTES --------
NOTE#1-EMIS LIMIT<100 T/YR USING DRY SCRUBBER/BAGHOUSE. NOTE#2-BACT- CONTROLLED COMBUST. NOTE#3-EMIS LIMIT<40 T/YR. NOTE#4-BAC
T. NOTE#5-REQUIREMENT OF AGENCY DIRECTOR BASED ON A RISK ASSESSMENT. NOTE#6-REQUIREMENT OF AGENCY DIR.
NOTE#7-COMPANY TO USE DRY SCRUBBER/BAGHOUSE CONTROL SYSTEM. THE DRY SCRUBBER USES A HYDRATED LIME SOLUTION TO COOL THE FLUE GA
SES & NEUTRALIZE THE ACID GASES. AT THE REDUCED FLUE GAS TEMP., BAGHOUSE FILTER MILL CAPTURE LEAD & HG PARTICLES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/11/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: HUNTSVILLE SOLID WASTE AUTHORITY — HUNTSVILLE, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 7-09-I104-X001 THRU X006
DETERMINATION MADE BY ALABAMA DEM (AGENCY)

SUE ROBERTSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/06/87
ESTIMATED DATE OF START-UP-- 1990
(205)-271-7861 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, RDF, 2 EA	129.40 MMBTU/H				
		PM	0.0150	GR/DSCF AT 12% CO2	BACT
			4.5000	LB/H	
				FABRIC FILTER	99.50
		SO2	50.0000	PPM AT 7% O2, SEE NOTES	BACT
			16.6500	LB/H	
				DRY SCRUBBER	70.00
		NOX	0.4600	LB/MMBTU	BACT
			59.2000	LB/H	
				COMBUSTION DESIGN	
		CO	50.0000	PPM AT 12% CO2, 4H ROLL AVG	BACT
			7.6000	LB/H	
				COMBUSTION DESIGN	0.00
		HG	320.0000	G/D, TOTAL	N/B
				FABRIC FILTER	60.00
		H2S*	70.0000	% REMOVAL EFF	BACT
			1.8000	LB/H	
				DRY SCRUBBER	70.00
		BE	7.5300	EE-4 LB/H	BACT
				FABRIC FILTER	95.00
BOILER, PACKAGE, 4 EA	116.30 MMBTU/H				
		PM	5.8200	LB/H	BACT
			0.0500	LB/MMBTU	
					0.00
		SO2	23.2600	LB/H	BACT
			0.2000	LB/MMBTU	
				LOW S FUEL	0.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/30/1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		NOX	11.6300 LB/H		BACT
			0.1000 LB/MMBTU		
				COMBUSTION DESIGN	
		CO	4.2100 LB/H		BACT
			0.0360 LB/MMBTU		
				COMBUSTION DESIGN	
		H2S*	0.9100 LB/H		BACT
				LOW S FUEL	0.00
		HG	0.0010 LB/H		BACT
				LOW HG CONTENT OF FUEL	0.00
		BE	2.9000 EE-4 LB/H		BACT
				LOW BE CONTENT OF FUEL	0.00

NOTES --------
HCL & FLUORIDES DESIGN REMOVAL EFFICIENCY IS 90%. EACH BOILER IS SUBJECT TO THESE LIMITS. 129.4 MMBTU/H BOILER MAY USE TIRES, LANDFILL GAS, MWTP SLUDGE, & MUNICIPAL SOLID WASTE AS FUELS & SO2 LIMIT
IS 70% REMOVAL OR 50 PPM AT 7% O2 WHICHEVER IS LESS. 116.3 UNITS MAY USE NATURAL GAS, #2 FUEL OIL, & LANDFILL GAS AS FUELS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/30/1988

SOURCE TYPE/SIZE REFUSE INCINERATION 3000.00 T/D

COMPANY NAME/SITE LOCATION I-95 ENERGY/RESOURCE RECOVERY FACILITY , VA

DETERMINATION IS N/P FOR A NEW SOURCE.
PERMIT NO. 71960
DETERMINATION MADE BY VIRGINIA APCB (AGENCY)
CATHY TAYLOR (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/12/87
ESTIMATED DATE OF START-UP-- 1989
(804)-786-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 4 EA	750.00 T/D				
		PM	0.0100 GR/DSCF AT 12% CO2		
			7.5000 LB/H		
				ESP	99.00
		SO2	44.4000 LB/H		
			176.6000 T/YR		
				ACID GAS CONTROL DEVICE	70.00
		VOC	1.7000 LB/H		
			6.8000 T/YR		
				COMBUSTION CONTROLS	
		NOX	151.3000 LB/H		
			602.3000 T/YR		
				COMBUSTION CONTROLS	
		CO	158.1000 LB/H		
			91.7000 T/YR		
				COMBUSTION CONTROLS	
		PB	1.7000 LB/H		
			6.7000 T/YR		
				ESP	99.00
		ACI*	3.4400 LB/H		
			13.6900 T/YR		
				ACID GASES CONTROL DEVICE	70.00
		HCL	28.5300 LB/H		
			113.6900 T/YR		
				ACID GASES CONTROL DEVICE	90.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/20/1987

(CONTINUED) I-95 ENERGY/RESOURCE RECOVERY FACILITY

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		HBR	1.9300 LB/H	
			7.6700 T/YR	
			ACID GASES CONTROL DEVICE	90.00
		CD	4.7000 EE-2 LB/H	
			0.1900 T/YR	
			PARTIAL CONTROL BY ESP	
		SB	0.1400 LB/H	
			0.5500 T/YR	
			PARTIAL CONTROL BY ESP	
		AS	7.3000 EE-3 LB/H	
			0.0300 T/YR	
			PARTIAL CONTROL BY ESP	
		HG	0.3300 LB/H	
			1.3200 T/YR	
			PARTIAL CONTROL BY ESP	
		BE	2.0000 EE-4 LB/H	
			7.9400 EE-4 T/YR	
			PARTIAL CONTROL BY ESP	
		FLU*	0.4500 LB/H	
			1.7800 T/YR	
			ACID CONTROL DEVICE	90.00
		TCDD	2.3000 EE-6 LB/H	
			9.3000 EE-6 T/YR	
			COMBUSTION CONTROLS, DESIGN	

NOTES --------
CHRG RATE <750 T/UNIT, 3000 T/D, 1.095 MMT/YR. OPER PROC TO BE REVIEWED & APPROV. BY BOARD. AUX FUEL IS NAT GAS. STK TEST RESU
LTS REVIEWED BY BOARD & LIMITS MAY BE REVISED. MUST MAINTAIN MIN 1800F FOR 1 SEC RESIDENCE TIME. OPER PARAM. SET AFTER
STK TEST. AMB. MONIT REQ FOR TSP,SO2,PB,HG,CD & REQ >1 YR BEFORE & 3 YR AFTER START UP. ASH ANALYSIS REQ TWICE/YR. 10% VE LIMI
T, ODOR CONTROLS REQ. NEG PRESSURE ON TIPPING FLOOR & AIR W/I BLDG USED AS COMBUST AIR. FOUR POINT HAZ. WASTE MONIT REQ.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/20/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: ISLIP RESOURCE RECOVERY AGENCY — ISLIP, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
(518)-457-2044 (PHONE)
DATE OF PERMIT ISSUANCE-- 11/30/84
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, ROTARY, 2 EA	259.00 T/D	PM	0.0300 GR/DSCF	BAGHOUSE	99.00
		SO2	32.4000 LB/H EA	LOW SULFUR FUEL	
		CO	54.0000 LB/H EA	COMBUSTION CONTROL	
		NOX	32.4000 LB/H EA	COMBUSTION CONTROL	
		VOC	9.7000 LB/H EA	COMBUSTION CONTROL	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988
SOURCE TYPE CODE 2.1

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: JACKSON COUNTY BOARD OF PUBLIC WORKS — JACKSON, MI

DETERMINATION IS BACT
PERMIT NO. 451-85
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
LYNN FIEDLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/18/86
ESTIMATED DATE OF START-UP-- 1987
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 2 TOTAL	200.00 T/D				
		PM	0.0150	GR/DSCF AT 12% CO2	BACT
				DRY SCRUBBER, BAGHOUSE	
		SO2	84.0000	PPMV DRY AT 12% CO2	BACT
				DRY SCRUBBER, BAGHOUSE	70.00
		NOX	311.0000	PPMV DRY AT 12% CO2	BACT
		HCL	105.0000	MG/DSCM AT 12% CO2	BACT
					90.00
		CO	400.0000	PPMV DRY AT 12% CO2, 1H AVG	BACT
			113.0000	PPMV DRY AT 12% CO2, 24H AVG	
		CD	43.0000	UG/DSCM AT 12% CO2	BACT
		CR	47.0000	UG/DSCM AT 12% CO2	BACT
		AS	12.0000	UG/DSCM AT 12% CO2	BACT
		DIO*	0.5200	UG/DSCM AT 12% CO2	BACT
		FUR*	0.5000	UG/DSCM AT 12% CO2	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION — 480.00 T/D

COMPANY NAME/SITE LOCATION: KAISER ENGINEERS CORP. OAKLAND SCAVENGER — FREMONT, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SFB 84-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)
JIM HANSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/31/85
ESTIMATED DATE OF START-UP-- 1989
(415)-974-8218 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS		CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTION TRAIN, 2 STAGE, M/HE*	480.00 T/D MSW					
		SO2	14.3000	LB/H		
			30.0000	PPMDV AT 12% CO2		
					DRY SCRUBBER	95.00
						BACT
		NOX	68.5000	LB/H		
			200.0000	PPMDV		
					FGR	25.00
					STAGED COMBUSTION	
		PM	4.2000	LB/H		BACT
					BAGHOUSE	99.90
		HG	0.3500	LB/H		BACT
					BAGHOUSE	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1984

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: KENT COUNTY DEPT. OF PUBLIC WORKS, 950 MARKET AVE. N.W., GRAND RAPIDS, MI

DETERMINATION IS
PERMIT NO. 375-87
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)

RANDAL TELESZ (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/15/87
ESTIMATED DATE OF START-UP-- 1990
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, SOLID WASTE, 2 EA	125.00 MMBTU/H				
		PM	0.0100	GR/DSCF 3H AVG	BACT
				DRY SCRUBBER/BAGHOUSE	99.00
		SO2	50.0000	PPMV, NOTE #1	BACT
				DRY SCRUBBER	75.00
		NOX	400.0000	PPMV 1H AVG	BACT
			35.0000	PPMV 3H AVG	
				COMBUSTION MODIFICATION TECHNIQUES	
		CO	200.0000	PPMV 1H AVG	BACT
			50.0000	PPMV 4H AVG	
				COMBUSTION MODIFICATION TECHNIQUES	
		HCL	50.0000	PPMV, NOTE #2	BACT
				DRY SCRUBBER	90.00
		FLU*	2.5000	MG/DSCM 3H AVG	BACT
				DRY SCRUBBER	
		VOC	8.3000	MG/DSCM 3H AVG	BACT
				OPTIMUM COMBUSTION CONDITIONS	
		PB	0.8700	MG/DSCM 3H AVG	BACT
				DRY SCRUBBER/BAGHOUSE	
		HG	0.6100	MG/DSCM 3H AVG	BACT
				DRY SCRUBBER/BAGHOUSE	
		H2S*	39.0000	MG/DSCM 3H AVG	BACT
				DRY SCRUBBER	
		AR	6.2000	UG/DSCM 3H AVG	BACT
				DRY SCRUBBER/BAGHOUSE	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		BE	0.1600 UG/DSCM 3H AVG	DRY SCRUBBER/BAGHOUSE	BACT
		CA	37.0000 UG/DSCM 3H AVG	DRY SCRUBBER/BAGHOUSE	BACT
		CR4	4.2000 UG/DSCM 3H AVG	DRY SCRUBBER/BAGHOUSE	BACT
		PCD*	3.0000 NG/DSCM, NOTE #3	DRY SCRUBBER/BAGHOUSE	BACT
		VE	10.0000 % OPACITY, 6 MIN AVG	DRY SCRUBBER/BAGHOUSE	BACT

NOTES --------
ALL EMISSIONS ARE ON A DRY BASIS. 1)SO2- OR 25% OF THE UNCONTROLLED SO2, WHICHEVER HAS GREATER CONC., BUT <75 PPM BASED ON AN 8H AVE. 2)HCL- OR 10% OF THE UNCONTROLLED HCL BASED ON AN 8H AVG, WHICHEVER IS LEAST RESTRICTIVE. 3)TOTAL POLYCHLORINATED DIBENZO-P-DIOXINS, PCDD'S, & TOTAL POLYCHLORINATED DIBENZOFURANS, PCDF'S, INCLUDING ALL TETRA-OCTA ISOMERS. LIMIT BASED ON AN 8H AVE, AS 2,3,7,8 TCDD TOXIC EQUIVALENTS TO BE CALCULATED USING THE U.S.EPA REF.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION — 37.50 MM

COMPANY NAME/SITE LOCATION: LANCASTER COUNTY SOLID WASTE MANAGEMENT* — CONOY TOWNSHIP, PA — LANCASTER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 36-340-001
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)

KANUBHAI PATEL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/22/89
ESTIMATED DATE OF START-UP-- 1992
(717)-657-4587 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 3 EA	400.00 T/D				
		PM	0.0120 GR/DSCF	FABRIC COLLECTOR	BACT 99.70
		PM10	0.0100 GR/DSCF	FABRIC COLLECTOR	BACT
		SO2	29.0000 PPMV, 3H AVG 30.0000 PPMV, 1H AVG	DRY SCRUBBER LIME INJ	BACT 90.00
		CO	50.0000 PPMV, 8H AVG 200.0000 PPMV, 1H AVG	COMBUSTION CONTROL	BACT
		NOX	300.0000 PPMV, DAILY AVG	COMBUSTION CONTROL	BACT
		HCL	30.0000 PPMV, 1H AVG 90.0000 %, 1H AVG	DRY SCRUBBER LIME INJ	BAT
		PCD*	2.0000 NG/CUBIC METER	COMBUSTION CONTROL	BAT

NOTES --------
STACK CONC. CORRECTED TO 7% O2 DRY. COMB EFFICIENCY NOT <99.9% 8HR AVG. CONDITIONS NOT< 1800F, 1 SEC. STACK TESTS- SEMI-ANNUAL -- PM,HCL, AS,CD,CRVI,NI.PB,BE,HG,ZN, ANNUAL -- PCDD,PCDF. CONTINUOUS MONITOR -- VE,SO2,NOX, HCL,CO2,CO,& O2. PCD IS PCDD/PCDF, 2,3,7,8 TCDD EQUIV.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: REFUSE INCINERATION — 2001.00 T/D RDF

COMPANY NAME/SITE LOCATION: MID-CONNECTICUT RESOURCE RECOVERY FACIL* — HARTFORD, CT

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 075-0044 THRU 46
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
ALFRED CONKLIN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/18/85
ESTIMATED DATE OF START-UP-- 1989
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE/BOILER, RDF/COAL-FIRED,*	249.00 MMBTU/H, CO*				
		PM	0.0100	GR/DSCF AT 12% CO2	B/L
			0.0150	GR/DSCF AT 12% CO2	
				DRY GAS SCRUBBER/BAGHOUSE	
		SOX	0.3200	LB/MMBTU HEAT INPUT, RDF	BACT
			0.5500	LB/MMBTU HEAT INPUT, COAL	
				DRY GAS SCRUBBER	
		VOC	70.0000	PPMV AS CH4	B/L
				OPTIMUM COMBUSTION	
		NOX	0.6000	LB/MMBTU HEAT INPUT	BACT
				OPTIMUM COMBUSTION	
		HCL	50.0000	PPMV, SEE NOTE	BACT
				DRY GAS SCRUBBER	90.00
		CO	0.0020	CO/CO2 RATIO	LAER
				OPTIMUM COMBUSTION	
		VE	10.0000	% OPACITY	BACT

NOTES --------
EACH FURNACE IS CAPABLE OF CO-FIRING RDF AND BITUMINOUS COAL. THE FACILITY IS EXPECTED TO GENERATE UP TO 68 MW OF ELECTRICITY. FOR MORE INFORMATION ON PM LIMITS CONTACT STATE AGENCY PERSONNEL. HCL OPERATING LIMIT IS 80% REMOVEL OR 50 PPMV WHICHEVER IS L EAST STRINGENT, & 90% REMOVAL FOR EMISSION TESTING.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/25/1985

SOURCE TYPE/SIZE: REFUSE INCINERATION — 600.00 T/D

COMPANY NAME/SITE LOCATION: MMR/WALLACE, 1100 LAMBSONS LANE — NEW CASTLE, DE 19720

DETERMINATION IS
PERMIT NO. APC 84/633-636
DETERMINATION MADE BY DELAWARE DNR, DAM (AGENCY)
A. MIRZAKHALILI (AGENCY CONTACT PERSON)
(302)-323-4542 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/01/84
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 5 EA	120.00 T/D	PM	0.0500 GR/DSCF	ESP	BACT 99.40
		VE	20.0000 % OPACITY	ESP	BACT
		CO	50.0000 PPM	GOOD COMBUSTION	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/17/1989

SOURCE TYPE/SIZE: REFUSE INCINERATION — 300.00 T/D REFUSE

COMPANY NAME/SITE LOCATION: MONTGOMERY CNTY NORTH & SOUTH REDUCTION* — DAYTON, OH — MONTGOMERY COUNTY

DETERMINATION IS
PERMIT NO. 08-956
DETERMINATION MADE BY OHIO REGIONAL APCA (AGENCY)

VICTORIA HATHAWAY-SARVER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1987
(513)-225-4438 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, ROTARY KILN, 2	300.00 T/D				
		PM	0.0300 GR/DSCF		BACT
				ESP	99.00
		SO2	2.5000 LB/T		
		VOC	0.4000 LB/T		
				SEE NOTE #1	
		NOX	3.2000 LB/T		
				SEE NOTE #2	
		CO	4.0000 LB/T		
				SEE NOTE #2	
		PB	0.0160 LB/T		BACT
				ESP	99.00
		VE	5.0000 % OPACITY		NSPS
				ESP	99.00

NOTES --------
NOTE #1 - VOC CONTROLLED BY KILN TEMPERATURE. NOTE #2 - NOX & CO CONTROLLED BY COMBUSTION EFFICIENCY. TESTS TO CONFIRM EMISSIO
N RATES TO BE PERFORMED APPROX. APRIL 198?.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/31/1986

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1100.00 T/D

COMPANY NAME/SITE LOCATION: NORTH COUNTY RESOURCE RECOVERY ASSOC. — SAN MARCOS, CA

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 30289
DETERMINATION MADE BY SAN DIEGO COUNTY APCD (AGENCY) — JUDITH LAKE (AGENCY CONTACT PERSON) — (619)-565-5908 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/30/84
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, SEE NOTE #1	46.40 T/H RDF				
		NOX	200.0000 PPMV, 8 H AVG		BACT
			169.0000 LB/H		
				STAGED COMBUSTION, DESIGN	
		SO2	30.0000 PPMV, 8 H AVG		
			38.9000 LB/H		
				DRY SCRUBBER, BAGHOUSE	85.00
		PM	0.0100 GR/DSCF		
			64.5000 LB/H		
				BAGHOUSE	99.00
		FSP	8.0000 EE-3 GR/DSCF		
				BAGHOUSE	99.00
				STANDARD FOR PARTICLES < 2 MICRONS	
		CO	400.0000 PPMV, 8 H AVG		LAER
			236.0000 LB/H		
				COMBUSTION DESIGN, NOTE #3	
		VOC	30.0000 PPMV, 8 H AVG		LAER
			10.1000 LB/H		
				COMBUSTION DESIGN, NOTE #3	
		HCL	30.0000 PPMV, 8 H AVG		
			10.4000 LB/H		
				DRY SCRUBBER, BAGHOUSE	95.00
		HF	3.0000 PPMV, 8 H AVG		
			0.2080 LB/H		
				DRY SCRUBBER, BAGHOUSE.	90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/10/1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		HG	7.9500 EE-2 LB/H		
		PB	1.2700 EE-1 LB/H	BAGHOUSE	99.00
		SB	1.7300 EE-2 LB/H	BAGHOUSE	99.00
		AS	2.8400 EE-6 LB/H	BAGHOUSE	99.00
		BE	2.3400 EE-5 LB/H	BAGHOUSE	99.00
		CD	1.0900 EE-2 LB/H	BAGHOUSE	99.00
		CR	1.4600 EE-3 LB/H	BAGHOUSE	99.00
		CU	1.5600 EE-2 LB/H	BAGHOUSE	99.00
		MN	2.8000 EE-2 LB/H	BAGHOUSE	99.00
		MO	7.5400 EE-4 LB/H	BAGHOUSE	99.00
		NI	1.5300 EE-4 LB/H	BAGHOUSE	99.00
		SE	6.7100 EE-5 LB/H	BAGHOUSE	99.00
		SN	1.4400 EE-2 LB/H	BAGHOUSE	99.00
		V	6.2900 EE-3 LB/H	BAGHOUSE	99.00
		ZN	3.8600 EE-3 LB/H	BAGHOUSE	99.00
		PAH	2.3900 EE-5 LB/H	COMBUSTION DESIGN, NOTE#3	
		PCB	1.5200 EE-4 LB/H	COMBUSTION DESIGN, NOTE#3	
		PCDD	8.1200 EE-4 LB/H	COMBUSTION DESIGN, NOTE#3	
		PCDF	1.6400 EE-3 LB/H	COMBUSTION DESIGN, NOTE#3	
		ODOR	1.0000 ODOR UNIT AT PROP. LINE	ENCLOSED TIPPING AREA EXH. TO BOILER	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/10/1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)		VE	10.0000 % OPACITY INSTANT MAX 0.0000 % OPACITY > 3 MIN/60 MIN PERIOD BAGHOUSE	99.00

NOTES --------
1) H2O-WALL,TRAVEL GRATE,SPREAD STOKER BOILER. 2)EXHAUST CONC ARE DRY, CORR TO 12% CO2. GASEOUS POLL AVG ON DAILY VOL BASIS W/ CORR TO 12% CO2 & ARE ROLL AVG. 3) AVG COMBUST ZONE TEMP=2000+-200F, MIN TEMP=1800F. MIN RESID TIME=2 SEC AT 1800F. AUX FUEL USED TO MAINTAIN TEMP. CO/CO2 EXHAUST CONC RATIO<0.0033. COMBUST TEMPS TO BE MONIT CONTIN. OPTIMUM COMBUST VERIFIED BY O2 MONIT AT AIR PREHEAT OUTLET. TOTAL VAR IN O2<30%. CEM'S REQ FOR NOX,CO,SO2,VOC,O2,CO2 W/COMPUTER LINK TO DIST OFFICE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/10/1986

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1024.00 T/D

COMPANY NAME/SITE LOCATION: NORTH COUNTY RESOURCE RECOVERY ASSOC. — SAN MARCOS, CA

DETERMINATION IS
PERMIT NO. SD 84-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)

BOB BAKER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/02/85
ESTIMATED DATE OF START-UP--
(415)-974-8923 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	1024.00 T/D				
		SO2	70.0000	PPM AT 12% CO2, 2 H AVG	
			30.0000	PPM AT 12% CO2, 8 H AVG	
				DRY SCRUBBER	83.00
		NOX	200.0000	PPM AT 12% CO2, 2 H AVG	
				BOILER DESIGN & OVER/UNDERFIRE AIR	
		PB	4.0000	EE-4 GR/DSCF AT 12% CO2, 2 H AVG	
				BAGHOUSE & DRY SCRUBBER	90.00
		HG	0.1300	LB/H, 2 H AVG	
				BAGHOUSE & DRY SCRUBBER	
		HF	1.3000	LB/H, 2 H AVG	
				DRY SCRUBBER	95.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/20/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: NRG RECOVERY GROUP , FL LAKE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-FL-113
DETERMINATION MADE BY FLORIDA DER, BAR (AGENCY)
BARRY ANDREWS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/19/88
ESTIMATED DATE OF START-UP-- 1990
(904)-488-1344 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, REFUSE, 2 EA	250.00 T/D	PM	0.0150	GR/DSCF PARTICULATE CONTROL	BACT
		SO2	60.0000	PPMDV, 6H AVG ACID GAS CONTROL	BACT 70.00
		NOX	385.0000	PPMDV	BACT
		CO	200.0000	PPMDV, 4H AVG COMBUSTION CONTROL	BACT
		VOC	70.0000	PPMDV COMBUSTION CONTROL	BACT
		PB	3.1000	E-4 GR/DSCF PARTICULATE & ACID GAS CONTROL	BACT
		FL	1.5000	E-3 GR/DSCF ACID GAS CONTROL	BACT
		BE	2.0000	E-7 GR/DSCF PARTICULATE & ACID GAS CONTROL	BACT
		HG	3.4000	E-4 GR/DSCF PARTICULATE & ACID GAS CONTROL	BACT
		VE	15.0000	% OPACITY, 6 MIN AVG PARTICULATE & ACID GAS CONTROL	BACT

NOTES --------
STACK CONCENTRATION CORR TO 12% CO2. CONTINUOUS EMISSION MONITORING FOR VE, O2, CO, CO2, SO2, FURNACE EXIT TEMPERATURE, & SCRU
BBER OUTLET TEMPERATURE. ANNUAL TESTING FOR PM & NOX. FURNACE TEMPERATURE NOT LESS THAN 1800 F, SCRUBBER
OUTLET TEMPERATURE NOT GREATER THAN 300 F.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.
DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: OGDEN MARTIN, 170 ENTERPRISE DR., BRISTOL, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 026-0027
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
JOSEPH ULEVICUS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/09/87
ESTIMATED DATE OF START-UP-- 1987
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, SOLID WASTE	13.54 T/H				
		PM	0.0350 LB/MMBTU	FABRIC FILTER BAGHOUSE	99.60
		SO2	0.3200 LB/MMBTU	DRY GAS SCRUBBER	70.00
		NO2	0.6000 LB/MMBTU	COMBUSTION METHODS	
		VOC	6.4400 LB/H	COMBUSTION METHODS	
		CO	41.3000 LB/H	COMBUSTION METHODS	
		PB	0.0800 LB/H	COMBUSTION METHODS	
		SUL*	0.0140 LB/MMBTU	COMBUSTION METHODS	
		HCL	0.0140 LB/MMBTU	DRY GAS SCRUBBER	90.00
		HG	8.6000 E-5 LB/MMBTU		

NOTES --------
ADDITIONAL HAZARDOUS POLLUTANTS EMITTED - TOTAL FLUORIDES, BE, PAH, NI, DIOXIN, ARSENIC, CR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION — 650.00 T/D

COMPANY NAME/SITE LOCATION: OGDEN MARTIN SYSTEMS OF BRISTOL — BRISTOL, CT

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 026-0026 & 0027
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
ALFRED CONKLIN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/09/85
ESTIMATED DATE OF START-UP-- 1988
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE/BOILER, MSW FIRED, 2 EA	325.00 T/D MSW	PM	0.0100 GR/DSCF AT 12% CO2 0.0150 GR/DSCF AT 12% CO2	DRY GAS SCRUBBER/BAGHOUSE	BACT
		SOX	0.3200 LB/MMBTU HEAT INPUT	DRY GAS SCRUBBER	BACT
		NOX	0.6000 LB/MMBTU HEAT INPUT	OPTIMUM COMBUSTION	BACT
		VOC	70.0000 PPMV AS CH4	OPTIMUM COMBUSTION	LAER
		CO	0.0020 RATIO OF CO/CO2	OPTIMUM COMBUSTION	BACT 90.00
		HCL	50.0000 PPMV, SEE NOTE	DRY GAS SCRUBBER	
		VE	10.0000 % OPACITY		

NOTES --------
EACH FURNACE IS EQUIPPED WITH A 50.0 MMBTU/H NATURAL GAS BURNER. THE FACILITY IS EXPECTED TO GENERATE 16.2 MW OF ELECTRICITY. FOR MORE INFORMATION ON THE PM LIMIT CONTACT STATE AGENCY PERSONNEL. HCL LIMIT IS 90% REMOVAL OR 50 PPMV WHICHEVER IS LEAST STRINGENT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/25/1985

SOURCE TYPE/SIZE: REFUSE INCINERATION — 2178.00 T/D

COMPANY NAME/SITE LOCATION: OGDEN MARTIN SYSTEMS OF INDIANAPOLIS — INDIANAPOLIS, IN

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 11065
DETERMINATION MADE BY INDIANAPOLIS APCD (AGENCY)
DAVID JORDAN (AGENCY CONTACT PERSON)
(317)-633-5497 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/24/86
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 3 EA	726.00 T/D				
		PM	0.0100	GR/DSCF AT 12% CO2	LAER
				BAGHOUSE	
		SO2		SEE NOTE #2	LAER
				DRY SCRUBBER/BAGHOUSE	80.00
		NOX	272.0000	PPMV AT 12% CO2	BACT
				COMBUSTION CONTROLS	
		CO	135.0000	PPMV AT 12% CO2	BACT
				COMBUSTION CONTROLS	
		HG	2.8000	EE-4 GR/DSCF AT 12% CO2	BACT
				DRY SCRUBBER/BAGHOUSE	
		PB	1.0000	EE-3 GR/DSCF AT 12% CO2	BACT
				BAGHOUSE	
		VOC	3.3000	LB/H	INSP
		VE	10.0000	% OPACITY, 6 MIN AVG	INSP
		HCL		SEE NOTE #2	INSP
				DRY SCRUBBER/BAGHOUSE	80.00
		DIO*		SEE NOTE #3	INSP
				DRY SCRUBBER/BAGHOUSE	
				TEMPERATURE	

NOTES --------
NOTE#1 - SOURCE PERMITTED TO COOIPOSE 30 DRY TONS/D OF SEWAGE SLUDGE PER INCINERATOR. NOTE#2 - SO2 & HCL LIMITED TO 30 PPMV AT 12% CO2 WHEN INLET CONC. BELOW 150 PPMV, CONTROLLED BY 80% WHEN INLET CONC. ABOVE 150 PPMV.
NOTE#3 - TEMP. CONTROL REQUIRES MONITORING AT POINT REPRESENTING 2 SEC. RESIDENCE TIME AT 1800 F.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/01/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION — 550.00 T/D

COMPANY NAME/SITE LOCATION: OGDEN MARTIN SYSTEMS OF MARION, INC. — BROOKS, OR

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 24-5398
DETERMINATION MADE BY OREGON DEQ (AGENCY)
WENDY SIMS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/19/83
ESTIMATED DATE OF START-UP-- 1986
(503)-229-6414 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
INCINERATOR, SOLID WASTE, 2 EA	275.00 T/D	PM	0.0300 GR/DSCF AT 12% CO2	
			61.0000 T/YR	
				BAGHOUSE
		NOX	122.2000 LB/H	
			492.0000 T/YR	
				EQUIPMENT DESIGN & OPERATION
		HCL	10.5000 LB/H	
			34.0000 T/YR	
				DRY SCRUBBER
		SO2	73.0000 LB/H	
			220.0000 T/YR	
				EQUIPMENT DESIGN & OPERATION
		VE	10.0000 % OPACITY	SEE NOTE
		CO	55.0000 LB/H	
			170.0000 T/YR	
				EQUIPMENT DESIGN & OPERATION
		HG	0.1700 LB/H	
			0.5100 T/YR	
				EQUIPMENT DESIGN & OPERATION
		VOC	3.1000 LB/H	
			9.6000 T/YR	
				EQUIPMENT DESIGN & OPERATION
		PB	0.5200 LB/H	
			1.6000 T/YR	
				EQUIPMENT DESIGN & OPERATION

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 08/10/1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		FLU*	1.6000 LB/H 4.8000 T/YR EQUIPMENT DESIGN & OPERATION	
		BE	2.9000 EE-6 LB/H 8.8000 EE-6 T/YR EQUIPMENT DESIGN & OPERATION	
		TCDD	1.7000 EE-6 LB/H 5.1000 EE-6 T/YR TEMPERATURE CONTROL	

NOTES --------
OPACITY NOT TO BE EXCEEDED FOR MORE THAN 3 MINUTES IN ANY ONE HOUR PERIOD. NOX & HCL LIMITS REVISED IN 1987.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 08/10/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: OGDEN MARTIN SYSTEMS OF SAN BERNARDINO — ONTARIO, CA

DETERMINATION IS
PERMIT NO. LA 87-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)

TOM ANDREWS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/29/88
ESTIMATED DATE OF START-UP--
(415)-974-7658 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 3 EA	533.00 T/D				
		SO2	42.0000 PPM AT 12% CO2		
			23.1000 LB/H EA		
				LIME SLURRY DRY SCRUBBER	80.00
		PM10	0.0100 GR/DSCF AT 12% CO2		
			7.4000 LB/H EA		
				BAGHOUSE	99.00
		HG	0.0057 LB/H EA		
				DRY SCRUBBER/BAGHOUSE	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE REFUSE INCINERATION

COMPANY NAME/SITE LOCATION OGDEN MARTIN SYSTEMS OF TULSA, INC. , OK

DETERMINATION IS BACT
PERMIT NO. T86-02, T84-23
DETERMINATION MADE BY TULSA CITY-COUNTY HEALTH DEPT (AGENCY)
JIM VAN SANDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/20/86
ESTIMATED DATE OF START-UP-- 1986
(918)-744-1000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, SOLID WASTE, SEE N*	375.00 T/D	PM	0.0600 GR/DSCF, SEE NOTE 3	ESP - 4 FIELD	BACT 98.00
		SO2	50.5000 LB/H		BACT
		NOX	100.0000 LB/H		BACT
		VOC	1.7000 LB/H		BACT
		CO	20.8000 LB/H		BACT
		HG	0.0600 LB/H		BACT
		VE	10.0000 % OPACITY		BACT
INCINERATOR, SOLID WASTE, 2 EA	375.00 T/D	PM	0.0600 GR/DSCF,SEE NOTE 3	2 ESPS - 4 FIELDS	BACT 98.00
		SO2	100.9000 LB/H, SEE NOTE 2		BACT
		NOX	200.0000 LB/H		BACT
		VOC	4.6000 LB/H		BACT
		CO	41.6000 LB/H		BACT
		HG	0.1200 LB/H		BACT
		VE	10.0000 % OPACITY		BACT

NOTES ---------
NOTE 1 - SIC CODES 4931 & 4961 ARE ALSO INVOLVED BECAUSE STEAM & ELECTRICITY WILL BE SOLD TO INDUSTRY. NOTE 2 - THIS IS AN ADD ITION TO THE EXISTING TWO UNITS AT THE SAME LOCATION, BUT WITH DIFFERENT STACK. NOTE 3 - THIS INCLUDES THE BACK HALF OF THE SAMPLING TRAIN, CONDENSIBLES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/01/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION — 325.00 T/D

COMPANY NAME/SITE LOCATION: OGDEN/MARTIN SYSTEMS OF ALEXANDRIA ARLINGTON MASTE-TO-ENERGY FACILITY — ALEXANDRIA, VA

DETERMINATION IS B/N FOR A MODIFIED SOURCE.
PERMIT NO. 71895
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)
JACK SCHUBERT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/26/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-0172 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MSW	302000.00 T/YR				
		PM	0.0300 GR/DSCF AT STD CONDITIONS		
			8.1000 LB/H		
				ESP	
		SO2	34.0000 LB/H		
			149.0000 T/YR		
				ACID GAS CONTROL DEVICE	
		VOC	0.6700 LB/H		
			3.0000 T/YR		
				COMBUST CONTROL	
		NOX	79.0000 LB/H		
			310.0000 T/YR		
				COMBUST CONTROL	
		CO	68.5000 LB/H		
			23.1000 T/YR		
				COMBUST CONTROL	
		PB	0.5300 LB/H		
			2.3200 T/YR		
				COMBUST CONTROL	
		HCL	61.0000 LB/H		
			267.0000 T/YR		
				ACID GAS CONTROL DEVICE	
		HBR	7.3000 LB/H		
			31.9700 T/YR		
				ACID GAS CONTROL DEVICE	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 10/15/1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		CD	3.2500 EE-2 LB/H		
			0.1420 T/YR		
				ESP	
		SB	0.0400 LB/H		
			0.1750 T/YR		
				ESP	
		AS	0.0093 LB/H		
			0.0400 T/YR		
				ESP	
		HG	0.2200 LB/H		
			0.9600 T/YR		
				ESP	
		BE	6.0000 EE-5 LB/H		
			2.6300 EE-4 T/YR		
				ESP	
		HF	1.7000 LB/H		
			7.4500 T/YR		
				ACID GAS CONTROL DEVICE	
		DIO*	2.0000 NG/NM3 AT 12% CO2		
			1.0200 EE-6 T/YR		
				COMBUSTION CONTROLS	
				INCIN. RESID. TIME	

NOTES --------
CHARGING RATE =< 325 T/UNIT & 302000 T/YR. OPERATING PROCEDURES & LIMITS REVIEWED & APPROVED BY THE BOARD. BOILER AUX FUEL - # 2 FUEL OIL. MINIMUM TEMP OF 1832F IN BOILER. RETEST CYCLE SETS SEASONAL FLUCTUATION EFFECTS OF SOLID WASTE INPUT. RETESTING AT DISCRESSION OF THE BOARD PER TEST RESULTS. ASH ANALYSIS PERFORMED AS REQ. ODOR CONTROL - NEG PRESSURE ON TIPPING FLOOR & USE OF BUILDING AIR AS COMBUST. AIR. CONTINUOUS EMIS MONIT.-OPACITY,CO,NOX,O2,& DRY LIME FEED RATE IS MANDATED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 10/15/1988

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: PASCO COUNTY NEW PORT RICHEY, FL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-FL-127
DETERMINATION MADE BY FLORIDA DER, BAR (AGENCY)
BARRY ANDREWS (AGENCY CONTACT PERSON)
(904)-488-1344 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/22/88
ESTIMATED DATE OF START-UP-- 1991

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, REFUSE	1200.00 T/D	PM	0.0150	GR/DSCF AT 12% CO2 BAGHOUSE	BACT
		SO2	104.0000 60.0000	PPMV AT 7% O2, 3H AVG PPMDV AT 7% O2, 6H AVG DRY SCRUBBER	BACT 70.00
		NOX	0.6430	LB/MMBTU COMBUSTION CONTROL	BACT
		CO	400.0000 100.0000	PPMDV AT 7% O2, 1H AVG PPMDV AT 7% O2, 8H AVG COMBUSTION CONTROL	BACT
		VOC	0.0210	LB/MMBTU COMBUSTION CONTROL	BACT
		PB	7.0000	E-4 LB/MMBTU DRY SCRUBBER/BAGHOUSE	BACT
		FL	0.0080	LB/MMBTU DRY SCRUBBER/BAGHOUSE	BACT
		BE	1.3500	E-7 LB/MMBTU DRY SCRUBBER/BAGHOUSE	BACT
		HG	8.0000	E-4 LB/MMBTU DRY SCRUBBER/BAGHOUSE	BACT
		VE	15.0000	% OPACITY, 6 MIN AVG DRY SCRUBBER/BAGHOUSE	BACT

NOTES --------
CONTINUOUS EMISSION MONITORING FOR VE, O2, CO, CO2, SO2, STEAM PRODUCTION,& TEMP AT FURNACE EXIT & SCRUBBER EXIT. ANNUAL TEST FOR PM & NOX. COMBUSTION EFFICIENCY NOT LESS THAN 99.5% 8 H AVG. FURNACE TEMPERATURE NOT LESS THAN 1800 F, SCRUBBER OUTLET TEMPERATURE NOT GREATER THAN 300 F.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: PFIZER, INC. EASTERN POINT RD — GROTON, CT

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 070-0062
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY) — MARK HULTMAN (AGENCY CONTACT PERSON) — (203)-566-8230 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/08/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, PATHOLOGICAL	750.00 LB/H				
		PM	0.0450 GR/DSCF AT 12% CO2		
				VENTURI SCRUBBER	86.80

NOTES ---------
THIS INCINERATOR BURNS PATHOLOGICAL WASTE & BEDDING. BACT EMISSION RATE VERFIED BY STACK TEST. EFFICIENCY BASED ON A COMPARISO
N TO AP-42 PREDICTED EMISSION RATE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: PREFERRED REDUCTION SERVICES, INC. , UT
WEBER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. BAQE-366-89
DETERMINATION MADE BY UTAH BAQ (AGENCY)
DAVE KOPTA (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/19/89
ESTIMATED DATE OF START-UP-- 1990
(801)-558-6108 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, GAS FIRED	1000.00 LB/H	PM	0.2000 LB/H 0.0100 GR/DSCF SEE NOTES		BACT
		NOX	3.8000 LB/H 250.0000 PPM SEE NOTES		BACT
		CO	0.9100 LB/H 100.0000 PPM SEE NOTES		BACT
		HCL	0.4400 LB/H SEE NOTES		BACT
		VE	0.0000 % OPACITY SEE NOTES		BACT

NOTES --------
SCRUBBING SYSTEM WITH QUENCHING, CONDENSER/ABSORBER, DUAL VENTURI SCRUBBER & MIST ELIMINATOR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION — 750.00 T/D

COMPANY NAME/SITE LOCATION: QUONSET POINT RESOURCE RECOVERY FACILITY — NORTH KINGSTOWN, RI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. RI-PSD-2
DETERMINATION MADE BY RHODE ISLAND DEM (AGENCY)
DOUG MCVAY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/04/89
ESTIMATED DATE OF START-UP--
(401)-277-2808 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 2 EA	375.00 T/D	PM	0.0150	GR/DSCF AT 12% CO2	BACT
				FABRIC FILTER	
		HCL	90.0000	% CONTROL	BACT
			50.0000	PPMVD AT 12% CO2	
				DRY SCRUBBER	
		SO2	70.0000	% CONTROL	
			50.0000	PPMVD AT 12% CO2	
				DRY SCRUBBER	
		NOX	300.0000	PPMVD AT 12% CO2	BACT
				COMBUSTION CONTROL	
		CO	100.0000	PPMVD AT 7% O2, 8H AVG	BACT
			50.0000	PPMVD AT 7% O2, 4 DAY AVG	
				COMBUSTION CONTROL	

NOTES --------
NOX LIMIT TO BE REVISED. PERMIT ALSO CONTAINS EMISSION LIMITS FOR SB, AS, BE, CD, CR, CO, CU, PB, MN, HG, MO, NI, SE, SN, V, Z
N, BAP, PAH, & DIOXINS/FURANS. WILL BE SUBJECT TO NEW NSPS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE REFUSE INCINERATION 750.00 T/D

COMPANY NAME/SITE LOCATION REFUSE INCINERATION , NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
DICK FORGEA (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/31/86
ESTIMATED DATE OF START-UP-- 1988
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 2 EA	375.00 T/D	PM	0.0200 GR/DSCF	BAGHOUSE	
		SO2	70.0000 % REDUCTION	DRY SCRUBBER	70.00
		CO	99.8000 % MINIMUM CE, 8 H 99.8000 % MINIMUM CE, 7 D	COMBUSTION CONTROL	
		NOX	6.6000 LB/T MSW	FURNACE DESIGN	

NOTES --------
CE = COMBUSTION EFFICIENCY = (CO+CO2)/CO2

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.
DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1040.00 T/D

COMPANY NAME/SITE LOCATION: SAN JUAN RESOURCE RECOVERY FACILITY — SAN JUAN, PR

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY EPA REGION II (AGENCY)
HARISH PATEL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/25/89
ESTIMATED DATE OF START-UP--
(212)-264-6683 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, MASS BURN, 3	1040.00 T/D	NOX	50.5800 LB/H 241.0000 PPMV, 1H AVG, NOTE#1	COMBUSTION CONTROL	BACT
		NOX	147.0000 PPMV, 12 MON AVG, NOTE#1	COMBUSTION CONTROL	BACT
		SO2	11.6900 LB/H 40.0000 PPMV, 3H AVG, NOTE#1	DRY SCRUBBER	BACT 80.00
		PM	0.0100 GR/DSCF, NOTE#2 2.7500 LB/H	FABRIC FILTER	BACT
		PM10	0.0100 GR/DSCF, NOTE#2	FABRIC FILTER	BACT
		CO	83.3900 LB/H 654.0000 PPMV, 1H AVG	COMBUSTION CONTROL	BACT
		CO	400.0000 PPMV, 8H ROLL AVG 100.0000 24H ROLL AVG	COMBUSTION CONTROL	BACT
		HG	0.0250 LB/H	TEMPERATURE OPTIMIZATION TO FAB. FILTER	BACT 99.00
		PB	0.0400 LB/H		BACT 99.00
		BE	1.0000 E-05 LB/H		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		AS	1.7200 E-03 LB/H	DRY SCRUBBER/BAGHOUSE	
		CD	2.7600 E-03 LB/H	DRY SCRUBBER/BAGHOUSE	
		NI	7.7000 E-02 LB/H	DRY SCRUBBER/BAGHOUSE	
		CR	1.1700 E-02 LB/H	DRY SCRUBBER/BAGHOUSE	
		H2S*	0.4500 LB/H	DRY SCRUBBER	BACT 90.00
		HCL	50.0000 PPMV, 1H AVG, NOTE#1 90.0000 % REDUCTION	DRY SCRUBBER	BACT 90.00
		HF	0.1800 LB/H	DRY SCRUBBER	BACT 90.00
		VOC	2.3400 LB/H 32.0000 PPMV, 1H AVG	COMBUSTION CONTROL	BACT
		TCDD	1.3800 E-06 LB/H	DRY SCRUBBER/BAGHOUSE	BACT
		VE	10.0000 % OPACITY	DRY SCRUBBER/BAGHOUSE	BACT

NOTES --------
NOTE #1-CORRECTED TO 7% O2 DRY. CONTINUOUS EMIS MONITORS FOR VE, CO, O2, NOX, SO2 - INLET & OUTLET OF ACID GAS CONTROL EQUIP. NOTE#2-CORR. TO 12% CO2. TEMP IN COMBUSTORS WILL BE MAINTAINED AT A MIN OF 1800F. TEMP AT THE INLET TO FABRIC FILTER SHALL RANGE FROM 280-320F. NOTE#4- OPACITY WILL NOT EXCEED 30% FOR ANY 4 MIN. DURING A 60 MINUTE PERIOD.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION — 3000.00 T/D

COMPANY NAME/SITE LOCATION: SIGNAL BROOKLYN, BROOKLYN NAVY YARD — NEW YORK, NY

DETERMINATION IS BACT
PERMIT NO.
DETERMINATION MADE BY EPA REGION II (AGENCY)
PAUL KAHN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(212)-264-6674 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATION, REFUSE	3000.00 T/D				
		NOX		SNCR, SEE NOTE	BACT 60.00
		SO2		SPRAY DRYER/ADSORBER/BAGHOUSE	BACT 75.00
		FLU*		SPRAY DRYER/ADSORBER/BAGHOUSE	BACT 90.00
		HEA*		SPRAY DRYER/ADSORBER/BAGHOUSE	BACT 99.00
		PM10	0.0130 GR/DSCF AT 12% CO2	SPRAY DRYER/ADSORBER/BAGHOUSE	BACT
		DIO*		COMBUSTION CONTROL	BACT
		VE	10.0000 % OPACITY	BAGHOUSE	BACT

NOTES --------
BACT FOR NOX NOT YET DECIDED IN FINAL FORM.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

SOURCE TYPE/SIZE: REFUSE INCINERATION — 576.00 T/D

COMPANY NAME/SITE LOCATION: SIGNAL ENVIRONMENTAL SERVICES — CONCORD, NH

DETERMINATION IS BACT
PERMIT NO. EPA-037-121NH04
DETERMINATION MADE BY NEW HAMPSHIRE ARD/EPA REG. 1 (AGENCY)
JAMES MARSTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/09/87
ESTIMATED DATE OF START-UP--
(603)-271-1370 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURNING, 2 EA	288.00 T/D				
		PM	0.0200 GR/DSCF AT 12% CO2		BACT
			4.8500 LB/H MAX, 24H AVG		
				BAGHOUSE	99.90
		SO2	0.1950 LB/MMBTU		BACT
			21.0000 LB/H MAX, 24H AVG		
				DRY LIME INJ. SYSTEM	50.00
		NOX	0.6100 LB/MMBTU		BACT
			65.8000 LB/H MAX, 24H AVG		
				COMBUSTION CONTROL	
		CO	0.1100 LB/MMBTU		BACT
			11.8600 LB/H MAX, 4D ROLL AVG		
				COMBUSTION CONTROLS	
		CO	0.2800 LB/MMBTU		BACT
			32.2000 LB/H MAX, 8H AVG		
				COMBUSTION CONTROLS	
		PB	0.0034 LB/MMBTU		
			0.3700 LB/H MAX, 3 MON AVG		
		HCL	18.5000 LB/H		PERM
				DRY LIME INJ.	90.00

NOTES --------
ADDITIONAL STATE PERMIT LIMIT - TCDD=3.45 EE-6 LB/H, TCDF= 2.05 EE-5 LB/H, OPACITY N.T.E.=20%.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 10/15/1988

SOURCE TYPE/SIZE REFUSE INCINERATION 2590.00 T/D MSW

COMPANY NAME/SITE LOCATION SOUTH BROWARD COUNTY RESOURCE RECOVERY * , FL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-FL-105
DETERMINATION MADE BY EPA REGION IV & FLORIDA DER (AGENCY)
MICHAEL BRANDON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/15/87
ESTIMATED DATE OF START-UP-- 1989
(404)-347-2864 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 3	863.00 T/D				
		PM	0.0150 GR/DSCF	ESP	BACT
		SO2	0.0140 LB/MMBTU		BACT
			0.3100 LB/MMBTU	SCRUBBER	65.00
		NOX	0.5600 LB/MMBTU		BACT
		CO	0.0900 LB/MMBTU	OPERATION	BACT
		PB	1.5000 EE-3 LB/MMBTU	OPERATION	BACT
		F	4.0000 EE-3 LB/MMBTU	ESP	BACT
				SCRUBBER	90.00
		BE	9.3000 EE-7 LB/MMBTU		BACT
		HG	7.5000 EE-4 LB/MMBTU	ESP	BACT
		VE	15.0000 % OPACITY	ESP	BACT

NOTES --------
UPPER SO2 LIMIT IS MAX EMMISSION REGARDLESS OF MIN SCRUBBER EFFICIENCY REQUIRED BY PERMIT & LOWER SO2 LIMIT IS THE EXPECTED EM ISSION AT THE REQUIRED CONTROL EFFICIENCY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.
DATE ENTERED/UPDATED: 08/10/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION — 800.00 T/D

COMPANY NAME/SITE LOCATION: STANISLAUS WASTE ENERGY CO. , CA
STANISLAUS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 86-03
DETERMINATION MADE BY EPA REGION IX (AGENCY) — BOB BAKER (AGENCY CONTACT PERSON) — (415)-974-8923 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/11/86
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WATER WALL, 2 EA	400.00 T/D				
		SO2	42.0000	PPM AT 12% CO2, 3 H AVG	
				DRY SCRUBBER, LIME SLURRY	80.00
		NOX	175.0000	PPM AT 12% CO2, 3 H AVG	
				AMMONIA INJECTION	40.00
		CO	400.0000	PPM AT 12% CO2	
				COMBUSTION CONTROLS	
		HG	0.0830	LB/H	
				BAGHOUSE & DRY SCRUBBER	
		PM	0.0100	GR/DSCF AT 12% CO2	
				BAGHOUSE	99.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/20/1987

SOURCE TYPE/SIZE REFUSE INCINERATION

COMPANY NAME/SITE LOCATION TRI-CITIES RESOURCE RECOVERY , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 29795
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
BRIAN BATEMAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/03/85
ESTIMATED DATE OF START-UP-- 1988
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FACILITY, MUNICIPAL SOLID WASTE*	480.00 T/D	PM	0.0100	GR/DSCF DRY SCRUBBER, BAGHOUSE	
		SOX	30.0000	PPMVD AT 12% O2 DRY SCRUBBING	
		NOX	200.0000	PPMVD AT 12% O2 FLUE GAS RECIRCULATION COMBUSTION MODIFICATION	
		CO	100.0000	PPMVD AT 12% CO2 COMBUSTION MODIFICATION	
		VOC	50.0000	PPMVD AT 12% CO2 COMBUSTION MODIFICATION	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: REFUSE INCINERATION — 560.00 T/D

COMPANY NAME/SITE LOCATION: VICON RECOVERY SYSTEMS
MANCHESTER WASTE-TO-ENERGY FACILITY — MANCHESTER, NH

DETERMINATION IS BACT
PERMIT NO. EPA-036-121NH03
DETERMINATION MADE BY NEW HAMPSHIRE ARD/EPA REG. 1 (AGENCY)
JAMES MARSTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/22/87
ESTIMATED DATE OF START-UP--
(603)-271-1370 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURNING, 4 EA	140.00 T/D				
		SO2	0.1950 LB/MMBTU		BACT
			10.2500 LB/H MAX		
				DRY LIME INJ. SYSTEM	65.00
		NOX	0.3300 LB/MMBTU		BACT
			17.5000 LB/H MAX		
				COMBUSTION CONTROLS	
		CO	0.1100 LB/MMBTU		BACT
			5.7300 LB/H MAX		
				COMBUSTION CONTROLS	
		PB	0.0340 LB/MMBTU		BACT
			1.7700 LB/H MAX		
				BAGHOUSE	
		PM	0.0350 GR/DSCF AT 12% CO2		PERM
			2.4800 LB/H MAX, 3 H AVG		
				BAGHOUSE	90.00
		HCL	3.3900 LB/H, 3H AVG		PERM
		TCDD	1.6000 EE-7 LB/H		PERM
		TCDF	5.0000 EE-6 LB/H		PERM

NOTES --------
PM LESS THAN 100 TONS, AREA NON-ATTAINMENT FOR PM. LAER DOES NOT APPLY & BACT DOES NOT APPLY, NON-ATTAINMENT AREAS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 10/15/1988

SOURCE TYPE/SIZE: REFUSE INCINERATION — 4080.00 KW

COMPANY NAME/SITE LOCATION: VICON RECOVERY SYSTEMS
RUTLAND RESOURCE RECOVERY FACILITY — RUTLAND, VT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY VERMONT NR, APCD (AGENCY)
HAROLD GARABEDIAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/11/86
ESTIMATED DATE OF START-UP-- 1987
(802)-244-8731 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MSW, 2 EA	120.00 T/D	CO	300.0000 PPM AT 12% CO2, 1H AVG 50.0000 PPM AT 12% CO2, 24H AVG	FIRING EQUIP. DESIGN COMBUSTION AIR CONTROL	MSER
		PM	0.0100 GR/DSCF AT 12% CO2	ESP	MSER
		DIO*	6.3000 EE-8 LB/H	ESP	MSER
		HCL	9.4000 LB/H	PACKED TOWER ABSORBER/SCRUBBER	MSER
		SO2	12.0000 LB/H	PACKED TOWER ADSORBER/SCRUBBER	MSER
		NOX	36.0000 LB/H	COMBUSTION MODIFICATION	MSER
		PB	0.4000 LB/H	ESP	MSER
		F	0.3000 LB/H	ESP	MSER
		HG	0.0045 LB/H	ESP	MSER
		BE	1.6000 EE-4 LB/H	ESP	MSER

NOTES --------
EMISSION RATES FOR CO & PM ALLOWABLE FOR EACH INCINERATOR, WHILE EMISSION RATES FOR HCL, SO2, NOX, PB, F, HG, & BE ARE TOTAL A
LLOWABLE FROM BOTH INCINERATORS. EACH INCINERATOR HAS ITS OWN AIR POLLUTION CONTROL SYSTEM - ESP, HEAT EXCHANGER,
PACKED TOWER ADSORBER/SCRUBBER. MSER - MOST STRINGENT EMISSION RATE ANALYSIS - VERMONT'S EQUIVALENT TO FEDERAL BACT/LAER.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: WALLINGFORD R.R. ASSOC, L.P. CHERRY ST. WALLINGFORD, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 189-0061 THRU 63
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)

JOSEPH ULEVICUS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/05/89
ESTIMATED DATE OF START-UP-- 1988
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MSW	5.83 T/H	PM	0.0300 LB/MMBTU FABRIC FILTER	99.50
		SO2	0.2900 LB/MMBTU DRY GAS SCRUBBER	70.00
		NOX	0.6000 LB/MMBTU COMBUSTION CONTROLS	
		VOC	0.0400 LB/MMBTU COMBUSTION CONTROLS	
		CO	0.2400 LB/MMBTU COMBUSTION CONTROLS	
		PB	0.0020 LB/MMBTU FABRIC FILTER	99.50
		HAZ*	NO LIMITS GIVEN	
INCINERATOR, MSW	5.83 T/H	PM	0.0300 LB/MMBTU FABRIC FILTER	99.50
		SO2	0.2900 LB/MMBTU DRY GAS SCRUBBER	70.00
		NOX	0.6000 LB/MMBTU COMBUSTION CONTROLS	
		VOC	0.0400 LB/MMBTU COMBUSTION CONTROLS	
		CO	0.2400 LB/MMBTU COMBUSTION CONTROLS	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PB	0.0020 LB/MMBTU	FABRIC FILTER	99.50
		HAZ*		NO LIMITS GIVEN	
INCINERATOR, MSW	5.83 T/H				
		PM	0.0300 LB/MMBTU	FABRIC FILTER	99.50
		SO2	0.2900 LB/MMBTU	DRY GAS SCRUBBER	70.00
		NOX	0.6000 LB/MMBTU	COMBUSTION CONTROLS	
		VOC	0.0400 LB/MMBTU	COMBUSTION CONTROLS	
		CO	0.2400 LB/MMBTU	COMBUSTION CONTROLS	
		PB	0.0020 LB/MMBTU	FABRIC FILTER	99.50
		HAZ*		NO LIMITS GIVEN	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1400.00 T/D RDF

COMPANY NAME/SITE LOCATION: WEST PALM BEACH SOLID WASTE RESOURCE RE* , FL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-FL-108
DETERMINATION MADE BY EPA REGION IV & FLORIDA DER (AGENCY)

MICHAEL BRANDON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/16/86
ESTIMATED DATE OF START-UP-- 1988
(404)-347-2864 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 2	700.00 T/D RDF				
		PM	0.0150 GR/DSCF	ESP	BACT
		SO2	0.3200 LB/MMBTU	ADDITION OF LIMESTONE TO RDF FUEL	BACT 65.00
		NOX	0.3200 LB/MMBTU	OPERATION	BACT
		CO	400.0000 PPMV,3H AVG	OPERATION	BACT
		PB	4.0000 EE-4 LB/MMBTU	ESP	BACT
		F	3.2000 EE-3 LB/MMBTU	ADDITION OF LIMESTONE TO RDF FUEL	BACT 90.00
		BE	7.3000 EE-7 LB/MMBTU	ESP	BACT
		HG	3200.0000 G/D	ESP	BACT
		ACI*	3.2000 EE-5 LB/MMBTU	ADDITION OF LIMESTONE TO RDF FUEL	BACT 90.00
		VE	15.0000 % OPACITY		BACT
		VOC	2.3000 EE-2 LB/MMBTU	OPERATION	UNRG

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 08/10/1987

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1344.00 T/D

COMPANY NAME/SITE LOCATION: YORK COUNTY SOLID WASTE & REFUSE AUTHOR* , PA — YORK COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 67-340-001
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY) — BILL SCHILDT (AGENCY CONTACT PERSON) — (717)-787-4324 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/13/87
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, MASS BURN, 3					
		PM	0.0150	GR/DSCF AT 7% O2, DRY	BACT
				FABRIC FILTER	
		HCL	30.0000	PPMV	BACT
			90.0000	% REDUCTION/H	
				SPRAY DRYER	
		SO2	30.0000	PPMV	BACT
			70.0000	% REDUCTION/H	
		CO	100.0000	PPMV, 4 D AVG	BACT
		PCD*	2.0000	NG/NORMAL METER CUBED AT 7% O2 DRY	
		VE	10.0000	% OPACITY WITH 3 MIN EXCLUSION/H	99.90

NOTES --------
CEM-VE,SO2,NOX,HCL,CO2,CO,O2. STACK TEST-PM,HCL,AS, CD,HEXAVALENT CR,NI,PB,ZN,PCDD,PCDF. TESTING SHALL BE CONDUCTED EVERY 6 MONTHS EXCEPT DIOXINS/FURANS WHICH SHALL BE TESTED ANNUALLY.
COMBUSTION EFFICIENCY MUST EQUAL 99.9%. WASTE HEAT WILL BE RECOVERED VIA 35.0 MW STEAM TURBINE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 07/24/1987

SOURCE TYPE/SIZE: SEWAGE SLUDGE INCINERATION

COMPANY NAME/SITE LOCATION: MATTABASSETT DISTRICT, ROUTES 9 & 99, CROMWELL, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 043-0007
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
MARK PEAK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/29/89
ESTIMATED DATE OF START-UP-- 1990
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, SEWAGE SLUDGE, FLU*	2.00 T/H	PM	1.3000 LB/T DRY SLUDGE	WET SCRUBBER	
		SO2	0.3400 LB/MMBTU	WET SCRUBBER	
		NOX	0.3470 LB/MMBTU	COMBUSTION METHODS	
		VOC	0.0760 LB/MMBTU	COMBUSTION METHODS	
		CO	0.1780 LB/MMBTU	COMBUSTION METHODS	
		PB	0.0120 LB/H	WET SCRUBBER	
		BE	0.0220 LB/24 H	WET SCRUBBER	
		HG	7.0550 LB/24 H	WET SCRUBBER	
		HCL	50.0000 PPMV WET	WET SCRUBBER	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: SEWAGE SLUDGE INCINERATION — 303.00 T/D

COMPANY NAME/SITE LOCATION: MILL CREEK TREATMENT PLANT - MSD — CINCINNATI, OH

DETERMINATION IS BACT
PERMIT NO. 14-987
DETERMINATION MADE BY SOUTHWEST OHIO APCA (AGENCY)

PEG GROEBER (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/31/86
ESTIMATED DATE OF START-UP-- 1987
(513)-251-8777 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 4 EA	61.20 T/D DRY				
		PM	1.1000 LB/T DRY	IMPINGEMENT SCRUBBER	BACT
		NOX	5.0000 LB/T DRY		BACT
		HG	3200.0000 GR/24H	LIMIT HG CONTENT OF SLUDGE	NESH
INCINERATOR, 2 EA	67.70 T/D DRY				
		PM	1.1000 LB/T DRY	AFTERBURNER,VENTURI SCRUB.,IMPINGEMENT SCRUB.	BACT
		NOX	5.0000 LB/T DRY		BACT
		HG	3200.0000 GR/24H	LIMIT HG CONTENT OF SLUDGE	NESH

NOTES --------
HG LIMIT IS TOTAL FOR ALL 6 UNITS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/15/1987

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION: AQUATIC SYSTEMS, INC. — LUDINGTON, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 166-88
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
GREGORY EDWARDS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE, RECOVERY	40.00 LB/H CARBON	VOC		AFTERBURNER, SEE NOTES	BACT 99.90

NOTES ---------
AFTERBURNER OPERATING AT 2100 DEGREE F & 3 SECONDS RETENTION TIME, IN ANTICIPATION OF LATER MODIFICATION TO PROCESS CARBON CONTAINING CHLORINATED SOLVENTS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION ATLANTIC ELECTRIC REBUILDERS , VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 50954
DETERMINATION MADE BY VIRGINIA SAPCB (AGENCY)

CHARLES HOLMES (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/23/88
ESTIMATED DATE OF START-UP--
(804)-786-6079 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OVEN, BURNOUT	6.00 GAL/H LP GAS	PM	0.1000 GR/DSCF AT 12% CO2	AFTERBURNER	96.70
		PCB	0.0100 G/S 0.2000 KG/D	AFTERBURNER	

NOTES --------
JULY 17, 1986 PERMIT AMENDED TO RELOCATE A TRANSFORMER SCRAPPING PLANT. PLANT FORMERLY COMPTON ELECTRIC. OVEN OPERATING SCHEDU
LE LIMITED TO SIX HOURS PER DAY, FOUR DAYS PER WEEK, 41 WEEKS PER YEAR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 560.00 LB/H

COMPANY NAME/SITE LOCATION: BFI OF OHIO & MICHIGAN, INC. — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-429
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
DALE KRYGIELSKI (AGENCY CONTACT PERSON)
(419)-693-0350 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/27/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, GAS FIRED, 2 EA	3.30 MMBTU/H				
		PM	0.0200 LB/MMBTU		BACT
		NOX	0.0100 LB/MMBTU		BACT
		VE	0.0000 % OPACITY		BACT
INCINERATOR, PATHOLOGICAL WASTE*	560.00 LB/H				
		PM	0.1000 LB/100 LB CHARGE	TEMP=2000F, 2 SEC RESID TIME	BACT
		CL2	4.0000 LB/H AS HCL		BACT
		NOX	6.0000 LB/T CHARGED		BACT
		VE	0.0000 % OPACITY	TEMP=2000F, 2 SEC RESID TIME	BACT
AUTOCLAVE, 2 EA	1600.00 LB/H				
		VE	0.0000 % OPACITY		BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/24/1989

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 273980.00 T

COMPANY NAME/SITE LOCATION: BROWNING-FERRIS IND. OF OHIO/MICHIGAN I* — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-354
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
DALE KRYGIELSKI (AGENCY CONTACT PERSON)
(419)-693-0350 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/26/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ROADS, PAVED	0.46 MILES	PM	NOT APPLICABLE SEE NOTES	SIP 75.00
ROADS, UNPAVED	0.91 MILES	PM	NOT APPLICABLE SEE NOTES	SIP 90.00
LANDFILL, DEMOLITION REFUSE	273980.00 T	PM	NOT APPLICABLE SEE NOTES	SIP 46.00

NOTES --------
ROADS CONTROLS INCLUDE VACUUM SWEEPING, CHEMICAL STABILIZATION, FLUSHING WITH WATER, WATERING, & SURFACE IMPROVEMENTS. LANDFIL
L CONTROLS INCLUDE WATERING EXCAVATED AREA & TEMPORARY BERMS AROUND LANDFILL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/09/1987

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION: EXETER ENERGY LIMITED PARTNERS, P.O. BOX 126, STERLING, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 176-0001 & 2
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
MARK HULTMAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/22/89
ESTIMATED DATE OF START-UP-- 1991
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, TIRE	12320.00 LB/H	PM10	0.0150 GR/DSCF AT 12% CO2	FABRIC FILTER	99.90
		SO2	0.1090 LB/MMBTU	WET LIME SCRUBBER	95.00
		NOX	0.1200 LB/MMBTU	THERMAL DE-NOX	50.00
		CO	0.1670 LB/MMBTU	COMBUSTION METHODS	
		VOC	0.0300 LB/MMBTU	COMBUSTION METHODS	
INCINERATOR, TIRE	12320.00 LB/H	PM10	0.0150 GR/DSCF AT 12% CO2	FABRIC FILTER	99.90
		SO2	0.1090 LB/MMBTU	WET LIME SCRUBBER	95.00
		NOX	0.1200 LB/MMBTU	THERMAL DE-NOX	50.00
		CO	0.1670 LB/MMBTU	COMBUSTION METHODS	
		VOC	0.0300 LB/MMBTU	COMBUSTION METHODS	

NOTES --------
THIS SOURCE HAS TWO IDENTICAL INCINERATORS/ BOILER UNITS WITH A TOTAL PROCESS RATE OF 12.3 T/H OF WASTE TIRES.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 15960.00 T/YR

COMPANY NAME/SITE LOCATION: INCENDERE, INC. — NORFOLK, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 61038
DETERMINATION MADE BY VIRGINIA SAPCB (AGENCY)

JACK SCHUBERT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/26/88
ESTIMATED DATE OF START-UP--
(804)-786-0172 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, 2 EA	7980.00 T/YR	PM	0.1000 GR/DSCF AT 12% CO2	AFTERBURNER	90.00
		NO2	2.9000 LB/H 12.0000 T/YR		
		HCL	12.6000 LB/H 52.8000 T/YR		

NOTES --------
PERMIT TO INSTALL & OPERATE TWO NEW CONSUMAT CS-760-HE PATHOLOGICAL INCINERATORS. SOURCE ALSO HOLDS A SEPERATE, PREVIOUSLY-ISSUED PERMIT FOR ANOTHER INCINERATOR. NATURAL GAS IS THE APPROVED AUXILIARY FUEL. HYDROGEN CHLORIDE EMISSION LIMIT IS BASED ON SOURCE'S GRAB SAMPLE RESULTS - STACK TEST WILL BE PERFORMED TO VERIFY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 100.00 LB/H

COMPANY NAME/SITE LOCATION: MERCER VAULT CO. — FREDERICKSBURG, VA

DETERMINATION IS
PERMIT NO. (7)40745
DETERMINATION MADE BY VIRGINIA APCB (AGENCY)

CATHY TAYLOR (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/25/86
ESTIMATED DATE OF START-UP-- 1987
(804)-786-4867 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, CREMATORY	100.00 LB/H	PM	8.0000 EE-2 GR/DSCF CORR TO 12% CO2	

NOTES --------
OPERATION LIMITED TO 8 H/D, 5 D/WK, & 52 WK/YR. ANNUAL CREMATION NOT TO EXCEED 15 T/YR. LIMITED TO 3 CASES PER DAY, 60 CASES/MONTH. EACH CASE IS TO BE CREMATED FOR AT LEAST 2 H. NAT GAS IS APPROVED FUEL. NO FIBERGLASS OR PLASTIC CASKETS ALLOWED FOR CREMATION. STACK HEIGHT AT LEAST 21 FT ABOVE GRADE CREMATION. PROCEDURE IS TO FOLLOW OWNERS MANUAL FOR THE CREMATORY. 15000 CU FEET PER HOUR REQUIRED OF AMBIENT AIR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/15/1987

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 500.00 LB/H

COMPANY NAME/SITE LOCATION: METROPOLITAN FUNERAL SERVICES, INC. — FAIRFAX, VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 71705
DETERMINATION MADE BY VIRGINIA SAPCB (AGENCY)
JACK SCHUBERT (AGENCY CONTACT PERSON)
(804)-786-0172 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/31/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, PATHOLOGICAL WASTES	500.00 LB/H	PM	0.0800 GR/DSCF AT 12% CO2 AFTERBURNER CHAMBER/THROUGHPUT LIMIT OPERATING TEMPERATURE/GAS RESID. TIME	

NOTES --------
TO INSTALL AN INCINERATOR. ESTIMATED USAGE IS 4000 LB/D HOSPITAL-MEDICAL WASTE, 1000 LB/D HUMAN & ANIMAL REMAINS. PERMIT EXCLU
DES INCINERATION OF PLASTICS CONTAINING HALOGENS OR POLYURATHANES. AUXILIARY FUEL IS NATURAL GAS.
STACK TEST WILL BE FOR PM & HYDROGEN CHLORIDE. OPERATING TEMPERATURES ARE 1400 DEGREES F IN PRIMARY CHAMBER, 1800 DEGREES F IN
SECONDARY CHAMBER.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.
DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 15.00 MW

COMPANY NAME/SITE LOCATION: NEA MESQUITE POWER — CA — IMPERIAL COUNTY

DETERMINATION IS B/L
PERMIT NO. 1732-1
DETERMINATION MADE BY IMPERIAL COUNTY APCD (AGENCY)
HARRY DILLON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/01/85
ESTIMATED DATE OF START-UP-- 1988
(619)-339-4650 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, FLUID-BED	416.00 MMBTU/H				
		PM	0.0240 LB/MMBTU		LAER
				BAGHOUSE	99.90
		SOX	0.0070 LB/MMBTU		LAER
				LIMESTONE INJ.	99.90
		NOX	0.0200 LB/MMBTU		
				FLUID BED/PYROLSIS	
		HCL	0.0010 LB/MMBTU		LAER
				LIMESTONE INJ.	99.90
		NH4*	0.0005 LB/MMBTU		LAER
				LIMESTONE	99.90
		CO	0.7000 LB/MMBTU		
				OPTIMUM COMBUSTION	
		VOC	0.0400 LB/MMBTU		
				OPTIMUM COMBUSTION	

NOTES --------
30 T/H STEER MANURE INPUT INTO 2 MULTI-HEARTH FLUIDIZED BED COMBINATION COMBUSTORS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION: P. H. GLATFELTER CO., 225 N. WISCONSIN AVE, NEENAH, WI

DETERMINATION IS BACT
PERMIT NO. 89-POY-042
DETERMINATION MADE BY WISCONSIN DNR (AGENCY)
PAUL YEUNG (AGENCY CONTACT PERSON)
(608)-266-0672 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/09/90
ESTIMATED DATE OF START-UP-- 1991

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, PAPER SLUDGE	7.00 T/H DRY				
		NOX	285.0000	PPM AT 7% O2	BACT
			50.0000	% REMOVAL	
				SNCR	50.00
		HG	3200.0000	G/24H	NESH
		PM	3.4000	LB/H	NAAQ
				BAGHOUSE	99.00
		SO2	8.9000	LB/H	NAAQ
		VOC	8.9000	LB/H	NAAQ
		CO	50.0000	PPM AT 7% O2, 3H AVG	UNRG
		HCL	28.0000	LB/H	UNRG
		VE	20.0000	% OPACITY	
		CL2	45.0000	LB/H	
		PCB	1.1300	E-5 LB/H	
		AS	0.0027	LB/H	
		BA	0.0800	LB/H	
		CU	0.0080	LB/H	
		CHC*	0.0500	LB/H	
		TCDD	1.2600	E-8 LB/H	

NOTES --------
GOOD COMBUSTION REQUIREMENTS - 1800 F SECONDARY COMBUSTION FOR AT LEAST 2 SECONDS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION: THE ENSIGN-BICKFORD CO. 660 HOPMEADOW ST SIMSBURY, CT

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 165-0004
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
MARK PEAK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/12/89
ESTIMATED DATE OF START-UP-- 1988
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, SHOCK TUBE	200.00 LB/H	PM	0.0150 GR/DSCF AT 12% CO2	BAGHOUSE	99.00
		HCL	4.0000 LB/H	LOW SULFUR FEED	

NOTES --------
BURNERS FIRED WITH 24 GAL/H 0.5% SULFUR CONTENT #2 FUEL OIL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 16629.00 LB/H

COMPANY NAME/SITE LOCATION: THE LANE CO. , VA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 30248
DETERMINATION MADE BY VIRGINIA SAPCB (AGENCY)
KATHERINE MILLER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/23/87
ESTIMATED DATE OF START-UP-- 1987
(804)-786-1433 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, ERIE CITY		VOC	2.8700 LB/H 1.3200 T/YR	GOOD COMBUSTION OPERATIONS	99.00
BOILER, UNION IRON WORKS		VOC	0.8100 LB/H 0.3800 T/YR	GOOD COMBUSTION OPERATIONS	99.00
BOILER, 2 COMBINED		CAR*	0.1800 LB/H 0.0100 T/YR	GOOD COMBUSTION OPERATIONS	99.00
		ETH*	3.6800 LB/H 1.5900 T/YR	GOOD COMBUSTION OPERATIONS	99.00

NOTES ---------
PERMIT TO BURN WASTE SOLVENTS AS FUEL IN BOILERS #3 & 6. PM EMISSIONS FROM THE UNION IRON BOILER CONTROLLED BY SETTLING CHAMBE R, PM EMISSIONS FROM THE ERIE CITY BOILER CONTROLLED BY MULTICYCLONE. THE APPROVED FUELS FOR THE BOILERS ARE WOOD, COAL, & WASTE FINISHING MATL. AVG SULFUR & ASH CONTENT OF THE COAL BURNED IS LIMITED TO 1% & 10% BY WT. STACK TEST WILL BE REQUIRED BY SAPCB IF THE DIV. OF WASTE MANAGEMENT DOES NOT REQUIRE A TEST BURN.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/02/1987

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL

COMPANY NAME/SITE LOCATION: TOLEDO CREMATION SEVICES, 1021 WARWICK, TOLEDO, OH 43607, LUCAS COUNTY

DETERMINATION IS BACT
PERMIT NO. 04-601
DETERMINATION MADE BY TOLEDO ESD (AGENCY)
JEFFREY THADDLE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1990
(419)-693-0350 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CREMATORY	150.00 LB/H				
		PM	0.1000 LB/100 LB CHARGE	1800 DEG F IN SEC, CHAMBER, SEE NOTE	BACT
		VE	0.0000 % OPACITY		BACT

NOTES --------
CONTINUOUS TEMPERATURE RECORDER ON SECONDARY CHAMBER.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/31/1990

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 960.00 T/D

COMPANY NAME/SITE LOCATION: WESTERN POWER GROUP — BRAWLEY, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SE 85-05
DETERMINATION MADE BY EPA REGION IX (AGENCY)
JIM HANSON (AGENCY CONTACT PERSON)
(415)-974-8218 (PHONE)
DATE OF PERMIT ISSUANCE-- 11/21/85
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, MULT. HEARTH/FLUIDIZ*	40.00 T/H MANURE	SO2	195.0000 LB/H	LIMESTONE INJ./FLUIDIZED BED	80.00
		NOX	135.0000 LB/H	MULT. HEARTH FURNACE W/RECIR. FLUID BED	
		PM	122.0000 LB/H	BAGHOUSE	99.90

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986
SOURCE TYPE CODE 2.3

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: ADA COGENERATION — ADA, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 943-87
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
DHRUMAN SHAH (AGENCY CONTACT PERSON)
(517)-373-7023 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/21/88
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	245.00 MMBTU/H	NOX	42.0000 PPMDV AT 15% O2, 1H AVG		BACT
				H2O INJECTION	59.00
		CO	0.1000 LB/MMBTU NAT GAS		BACT
			0.3500 LB/MMBTU #2 OIL		
				H2O INJECTION	
		SO2	0.2500 LB/MMBTU		BACT
				LOW S OIL, <=0.25%	
BURNER, DUCT	75.00 MMBTU/H	NOX	0.1000 LB/MMBTU		BACT
		CO	0.1000 LB/MMBTU		BACT

NOTES ---------
OIL FIRING IN TURBINE IS NOT TO EXCEED 120 DAYS PER YEAR. HIGH HEAT VALUE, HHV, OF 19350 BTU/LB OF OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: AES PLACERITA, INC. , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SEE NOTES
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY)

ROBERT PEASE (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/10/86
ESTIMATED DATE OF START-UP--
(818)-572-6174 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE & RECOVERY BOILER	519.00 MMBTU/H	NOX	629.0000 LB/D		BACT
			7.0000 PPMVD AT 15%	SELECTIVE CATALYTIC REDUCTION H2O INJECTION	
		CO	103.0000 LB/D		BACT
			2.0000 PPMVD AT 15%	OXIDATION CATALYST	80.00

NOTES --------
PERMIT NUMBERS 125116, 125117, 128014, 130270.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: AES PLACERITA, INC. COGENERATION PROJECT , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 153018
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY)

ROBERT PEASE (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/02/87
ESTIMATED DATE OF START-UP-- 1988
(818)-572-6174 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE & RECOVERY BOILER	530.00 MMBTU/H	NOX	340.0000 LB/D 9.0000 PPMVD AT 15% O2	SELECTIVE CATALYTIC REDUCTION STEAM INJECTION	BACT

NOTES --------
STEAM-TO-FUEL MASS INJECTION RATIO IS 2.2 TO 1. BEFORE CONTROL EMISSION RATE, 1744 LB/D, IS WITH STEAM INJECTION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: AES PLACERITA, INC.
COGENERATION PROJECT
, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 153052
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY)

ROBERT PEASE (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/02/87
ESTIMATED DATE OF START-UP-- 1988
(818)-572-6174 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	530.00 MMBTU/H	NOX	289.0000 LB/D 9.0000 PPMVD AT 15% O2 SELECTIVE CATALYTIC REDUCTION STEAM INJECTION	BACT

NOTES --------
STEAM-TO-FUEL MASS INJECTION RATIO IS 2.2 TO 1. BEFORE CONTROL EMISSION RATE, 1479 LB/D, IS WITH STEAM INJECTION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 80.00 MW

COMPANY NAME/SITE LOCATION: ALASKA ELECTRICAL GENERATION & TRANSMIS* — BIG LAKE, AK

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 8622-AA002
DETERMINATION MADE BY ALASKA DEC (AGENCY)
JON SANDSTEDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/18/87
ESTIMATED DATE OF START-UP-- 1988
(907)-465-2666 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, NAT GAS FIRED	80.00 MW	NOX	75.0000 PPMVD AT 15% O2	H2O INJECTION	B/N
		SO2	0.0600 % S CONTENT FUEL,MAX		BACT
		PM	10.0000 % OPACITY, 3 MIN/H		BACT
		CO	109.0000 LB/SCF FUEL		BACT

NOTES --------
NOX EMISSION LIMIT IS MODIFIED BY TURB. EFFICIENCY FACTOR, 14.4/X, WHERE X=HEAT RATE IN KJ/W-H. FUEL S CONTENT LIMIT APPLIES T O FIRING DISTALLATE OIL AS BACKUP FUEL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 08/10/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 38.00 MW

COMPANY NAME/SITE LOCATION: ALASKA ELECTRICAL GENERATION & TRANSMIS* — SOLDOTNA, AK

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 8423-AA004
DETERMINATION MADE BY ALASKA DEC (AGENCY)

JON SANDSTEDT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/29/85
ESTIMATED DATE OF START-UP-- 1985
(907)-465-2666 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, PWR GEN	38.00 MW	NOX	75.0000 PPM AT 15% O2 H2O INJECTION	B/N
		SO2	0.1500 % S CONTENT FUEL	

NOTES --------
NOX EMISSION LIMIT IS MODIFIED BY TURBINE EFFICIENCY FACTOR, 14.4/X, WHERE X=HEAT RATE IN KJ/W-H. FUEL SULFUR CONTENT LIMIT APPLIES TO FIRING DISTALLATE OIL AS BACKUP FUEL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 08/10/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: AMTRAK
MURPHY FIELD, EXIT 41 SCHUYLKILL EXPRES* PHILADELPHIA, PA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 88001
DETERMINATION MADE BY PHILADELPHIA AMS (AGENCY)

THOMAS HUYNH (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 10/12/88
ESTIMATED DATE OF START-UP-- 1990
(215)-875-5632 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2	90.00 MMBTU/H				
		NOX	5.8700 LB/H		BACT
			0.1000 LB/MMBTU		
				LOW NOX BURNER	
		PM	0.1000 LB/MMBTU		NAAQ
TURBINE, 2 EA	20.00 MW				
		PM	0.9800 LB/H		NAAQ
		SO2	0.2000 LB/H		NAAQ
			0.2000 % S		
				S LIMITED TO 2.7 MMGAL/YR	
		NOX	42.0000 PPM AT 15% O2		BACT
				H2O INJ.	
		CO	30.7600 LB/H		UNRG
		VOC	0.6000 LB/H		SIP

NOTES --------
GAS BURN ONLY. NOX,O2 CEM. #2 FUEL OIL USED ONLY WHEN GAS IS NOT AVAILABLE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/15/1988

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION ARROWHEAD COGENERATION CO. , VT

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. VT-0005
DETERMINATION MADE BY VERMONT ANR, APCD (AGENCY)
JOHN PERREAULT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/20/89
ESTIMATED DATE OF START-UP-- 1990
(802)-244-8731 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, COMBUSTION & BURNER, C*	282.00 MMBTU/H, GAS				
		NOX	9.0000	PPMVD AT ISO COND & 15%O2, 1H AVG	MSER
				SELECTIVE CATALYTIC REDUCTION	80.00
				WATER INJECTION	
		CO	50.0000	PPMVD AT ISO COND & 12% O2, 1H AVG, NG *	MSER
			75.0000	PPMVD AT ISO COND & 15% O2, 1H AVG, OIL*	
				DESIGN & GOOD COMBUSTION TECHNIQUES	
		NH3	10.0000	PPMVD AT 15% O2, 1H AVG	
		PM	0.0230	LB/MMBTU, OIL FIRING ONLY	MSER
				DESIGN & GOOD COMBUSTION TECHNIQUES	
		S	0.3000	% BY WT SULFER FUEL	MSER

NOTES --------
MSER,MOST STRINGENT EMIS RATE,IS STATE'S EQUIV TO FED BACT/LAER REVIEW. SCR SYSTEM DESIGN-DUAL FUEL,EXHAUST FLOW RATE 550000 LB/H,EXHAUST TEMP=980-990F,PRESS. DROP=2.5"WC,HONEYCOMB,DESIGN CATALYST LIFE=3YR,NH3 INJ. GRID & RATE=160 FT/SEC, LIMITS ON VE,FUEL CONSUMPTION, ANNUAL HRS OF OPERATION, CEMS FOR VE,NOX,CO,O2,& NH3. CONDITIONS INCLUDE COMPLIANCE TESTING & MONITORING,RECORDKEEPING & REPORTING, MALFUNCTIONS, STARTUP & SHUTDOWN PERIODS, & FUGITIVE PM EMISSIONS.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: BADGER CREEK LIMITED , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4192001A
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/30/89
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS COGENERATION	457.80 MMBTU/H	NOX	0.0135 LB/MMBTU	SCR STEAM INJECTION	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: BAF ENERGY
AMERICAN I COGENERATION PROJECT , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 85-APC-5
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY)
FRED THOITS (AGENCY CONTACT PERSON)
(408)-443-1135 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/08/87
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GENERATOR	887.20 MMBTU/H				
		NOX	9.0000 PPM AT 15% O2		BACT
			30.1000 LB/H		
				SCR	80.00
				STEAM INJECTION	
		SO2	1160.0000 LB/D		BACT
			0.0500 % S FUEL		
				TYPE OF STANDBY FUEL ALLOWED, #2 OIL	

NOTES --------
ORIGINAL DETERMINATION AT 15 PPMVD AT 15% O2. CAN BE FIRED ON OIL DURING NATURAL GAS CURTAILMENT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: BAF ENERGY
AMERICAN I COGENERATION PROJECT , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4211 & 4212
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY)
FRED THOITS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/26/87
ESTIMATED DATE OF START-UP-- 1989
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, AUXILIARY, 2	150.00 MMBTU/H				
		NOX	17.4000 LB/D EA		BACT
			40.0000 PPMVD AT 3% O2 EA		
				FLUE GAS RECIRCULATION	
				LOW NOX BURNERS	
		CO	63.6000 LB/D		BACT
			0.0180 LB/MMBTU		
				OXIDATION CATALYST	
		SO2	181.0000 LB/D		BACT
				0.05% S #2 OIL STANDBY FUEL	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: CAPITOL DISTRICT ENERGY CENTER, HARTFORD, CT
490 CAPITOL AVE.

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 075-0064
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
MARK HULTMAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/23/89
ESTIMATED DATE OF START-UP-- 1988
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, GAS TURBINE	738.80 MMBTU/H	PM	0.0350 LB/MMBTU	OIL FIRING	
			0.0136 LB/MMBTU	GAS FIRING	
				GOOD COMBUSTION TECHNIQUES	
		SOX	0.3060 LB/MMBTU		
			60.0000 PPMVD AT 15% O2		
				LOW S OIL	
		NOX	42.0000 PPMVD AT 15% O2,	GAS FIRING	
			62.0000 PPMVD AT 15% O2,	OIL FIRING	
				STEAM INJECTION	
		CO	0.1120 LB/MMBTU	GAS FIRING	
			0.1090 LB/MMBTU	OIL FIRING	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: CAPITOL DISTRICT ENERGY CENTER, 390 CAPITOL AVE., HARTFORD, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 075-0065
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
MARK HULTMAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/28/88
ESTIMATED DATE OF START-UP-- 1988
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, ZURN	194.80 MMBTU/H GAS*	NOX	37.0000 PPMVD AT 15% O2	LOW NOX BURNERS	

NOTES --------
THIS SOURCE PROVIDES BACKUP STEAM SUPPLY TO STEAM CUSTOMERS IF GAS TURBINE AT THIS SOURCE IS SHUTDOWN, BUT DOES NOT OPERATE SIMULTANEOUSLY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: CCF-1 JEFFERSON ST. HARTFORD, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 075-0061 & 62
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
MARK HULTMAN (AGENCY CONTACT PERSON)
(203)-566-8230 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/18/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, ALLISON, 2 EA	110.00 MMBTU/H GAS*				
		PM	0.0350	LB/MMBTU GAS FIRING	
			0.0120	LB/MMBTU OIL FIRING	
				GOOD COMBUSTION TECHNIQUES	
		SOX	0.3060	LB/MMBTU	
			55.0000	PPMVD AT 15% O2	
				LOW S OIL, FUEL OIL LIMIT	
		NOX	36.0000	PPMVD AT 15% O2 GAS FIRING	
			63.0000	PPMVD AT 15% O2 OIL FIRING	
				WATER INJECTION	
		CO	0.6050	LB/MMBTU GAS FIRING	
			1.8830	LB/MMBTU OIL FIRING	

NOTES --------
THERE ARE TWO IDENTICAL UNITS AT THIS SOURCE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 35.00 MW

COMPANY NAME/SITE LOCATION: CHAMPION INTERNATIONAL — COURTLAND, AL 35618 — LAWRENCE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 707-0001-X017
DETERMINATION MADE BY ALABAMA DEM (AGENCY) — KEN BARRETT (AGENCY CONTACT PERSON) — (205)-271-7861 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/30/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, STATIONARY	35.00 MW				
		NOX	42.0000 PPM AT 15% O2		BACT
			67.0000 LB/H		
				STEAM INJECTION	70.00
		CO	9.0000 LB/H		
		PM	2.5000 LB/H		
		VOC	4.0000 LB/H		
BURNER, DUCT, HEAT RECOVERY	128.00 MMBTU/H				
		NOX	0.1000 LB/MMBTU		BACT
			12.8000 LB/H		
		CO	10.2000 LB/H		
		PM	0.3000 LB/H		
		VOC	5.1000 LB/H		

NOTES --------
LIMITED TO FIRING ONLY NATURAL GAS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 30.60 MM

COMPANY NAME/SITE LOCATION: CHAMPION INTERNATIONAL CORP. 5TH STREET — SHELDON, TX — HARRIS COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 9506
DETERMINATION MADE BY TEXAS ACB (AGENCY) — J. CUNNINGHAM (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/05/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 2	1342.00 MMBTU/H	PM	17.5200 T/YR	LOW NOX BURNERS	BACT
		NOX	720.3400 T/YR		
		SO2	5.0200 T/YR		
		CO	70.0800 T/YR		
		VOC	2.6800 T/YR, SEE NOTE		

NOTES --------
VOC EMISSIONS ARE FOR NON-METHANE VOC.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/30/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES 18.90 MW

COMPANY NAME/SITE LOCATION: CHEVRON, U.S.A. , CA KERN COUNTY

DETERMINATION IS BACT
PERMIT NO. 4008823-829
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 07/22/85
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, TURBINE W/GENERATOR, GA*	2.70 MW	PM	0.0106 LB/MMBTU WATER INJECTION	BACT

NOTES --------
OPERATES 24 H/D, 7 D/WK, 52 WK/YR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/25/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES 3.00 MW

COMPANY NAME/SITE LOCATION CIBA-GEIGY CORP. SUMMIT, NJ

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 84-1522, SEE NOTE
DETERMINATION MADE BY NEW JERSEY DEP (AGENCY)
THOMAS MICAI (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/03/85
ESTIMATED DATE OF START-UP-- 1985
(609)-984-3033 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS W/#2 OIL BACKUP	4000.00 HP				
		NOX	11.0600 LB/H	H2O INJECTION	SIP 55.00
		CO	9.4000 LB/H		
		VOC	0.7600 LB/H		
		SO2	12.4800 LB/H		
		PM	1.8500 LB/H		

NOTES --------
THIS IS A COGENERATION SYSTEM WITH A NON-FIRED WASTE HEAT BOILER. PERMIT REQUIRES 0.5 WATER/FUEL RATIO. SO2 ALLOWABLE IS BASED ON OIL FIRING. PSD IS NOT APPLICABLE.
NOTE - PERMIT NUMBER IS A TRACKING #.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: CIMARRON CHEMICAL INC. — VILAS, CO

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 89BA060-1
DETERMINATION MADE BY COLORADO APC (AGENCY)

DATE OF PERMIT ISSUANCE-- 08/01/89
ESTIMATED DATE OF START-UP--
CATHY RHODES (AGENCY CONTACT PERSON)
(303)-331-8593 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, 2 EA	271.00 MMBTU/H	NOX	65.0000 PPMV AT 15% O2 STEAM	BACT

NOTES --------
WATER AVAILABILITY IN AREA IS LIMITED.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/29/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: CITY OF ANAHEIM GAS TURBINE PROJECT , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 188875
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY)
FRED DEL ROSARIO (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/15/89
ESTIMATED DATE OF START-UP-- 1990
(818)-572-6439 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE PGLM 5000	442.00 MMBTU/H	NOX	90.0000 LB/D	SCR STEAM INJECTION, CO REACTOR	BACT 69.60

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: CITY OF SANTA CLARA — SANTA CLARA, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 31527
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
ELLEN LINDER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/05/87
ESTIMATED DATE OF START-UP-- 1987
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS		NOX	42.0000 PPMVD AT 15% O2	WATER INJECTION	

NOTES --------
USED FOR PEAK POWER DEMANDS, LIMITED TO 1000 H/YR OF OPERATION. DISTRICT - DEFINED BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/05/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 165.00 MW

COMPANY NAME/SITE LOCATION: COGEN TECHNOLOGIES NEW JERSEY JOINT VENTURE — BAYONNE, NJ

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 86-2720/23
DETERMINATION MADE BY NEW JERSEY DEP (AGENCY)
WILLIAM KUEHNE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/03/87
ESTIMATED DATE OF START-UP-- 1988
(609)-292-6716 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE FRAME 6, 3 EA	40.00 MW				
		NOX	9.6000 PPMVD AT 15% O2		SIP
				SCR	95.00
				H2O INJECTION	
		CO	50.0000 PPMVD AT 15% O2		SIP
		SO2	0.1500 % S OIL		SIP
				FUEL ANALYSIS	
		NH3	20.0000 PPMVD AT 15% O2		SIP

NOTES --------
SCR CATALYST 80% EFF.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 01/29/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: COMBINED ENERGY RESOURCES , CA

DETERMINATION IS
PERMIT NO. 4167001 & A
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)

TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/26/88
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COGENERATION FACILITY, SEE NOTE	25.94 MW	NOX	199.0000 LB/D	SCR UNIT, DUCT BURNER H2O INJ, LOW NOX DESIGN	BACT 81.00
		VOC	7.9500 LB/H	CATALYTIC UNIT, ACCUMULATOR, DUCT BURNER 90% CNTRL OF LUBE OIL COOLER	44.00

NOTES --------
OTHER RELEVANT PERMIT LIMITS - 24 H, 365 D. FUEL USE LIMIT 268.5 MMBTU/H. FACILITY INCLUDES GAS TURBINE ENGINE, DUCT BURNER, S
CR, & CATALYTIC OXIDATION UNIT.
REVISED 2/13/89. BACT NO LONGER TRIGGERED FOR VOC BUT OXIDATION CATALYST WILL BE INSTALLED. CO EMISSION LIMIT = 144 LB/H.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES 26.00 MW

COMPANY NAME/SITE LOCATION: COMBINED ENERGY RESOURCES , CA

DETERMINATION IS
PERMIT NO. 4167001A
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/26/88
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, GAS TURBINE	2.00 KW	NOX	199.0000 LB/H	SCR UNIT WATER INJECTION	81.00

NOTES ---------
OTHER LIMITS - 24 H/D, 365 D/YR. FUEL LIMIT - 268.5 MMBTU/H.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/31/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 200.00 MW

COMPANY NAME/SITE LOCATION: DELMARVA POWER, 800 KING ST. — WILMINGTON, DE

DETERMINATION IS
PERMIT NO. 88/127,128
DETERMINATION MADE BY DELAWARE DNR, DAH (AGENCY)
J. CUGNINI (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/23/88
ESTIMATED DATE OF START-UP-- 1989
(302)-736-4791 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, COMBUSTION, 2 EA	100.00 MW				
		NOX	42.0000 PPM	LOW NOX BURNER/H2O INJ.	BACT
		CO	15.0000 PPM	GOOD COMBUSTION	BACT
		SO2	0.3000 % S FUEL	LOW S FUEL	B/S

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/17/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: DOUBLE 'C' LIMITED , CA
KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4165001,002
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/04/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 2 EA	25.00 MW	NOX	193.9800 LB/D, TOTAL	H2O INJ. & SELECTED CATALYTIC REDUCTION	95.80

NOTES ---------
DEGREE OF CONTROL EXCEEDS BACT REQUIREMENTS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: DOWNTOWN COGENERATION ASSOC. — HARTFORD, CT
960 MAIN ST.

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 075-0069
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
MARK HULTMAN (AGENCY CONTACT PERSON)
(203)-566-8230 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/19/87
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS W/DUCT BURNER	71.90 MMBTU/H				
		PM	0.0360	LB/MMBTU OIL FIRING	
			0.0140	LB/MMBTU GAS FIRING	
				GOOD COMBUSTION TECHNIQUES	
		SOX	0.3410	LB/MMBTU	
			63.0000	PPMVD AT 15% O2	
				LOW S OIL, FUEL USE LIMITS	
		NOX	42.0000	PPMVD AT 15% O2 GAS FIRING	
			42.0000	PPMVD AT 15% O2 OIL FIRING	
				WATER INJECTION	
		CO	0.2900	LB/MMBTU OIL FIRING	
			0.0480	LB/MMBTU GAS FIRING	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: EMPIRE ENERGY - NIAGARA COGENERATION CO. LOCKPORT, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9-2926-00016/00001-0
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/02/89
ESTIMATED DATE OF START-UP--
(518)-457-2944 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GR FRAME 6, 3 EA	416.00 MMBTU/H	NOX	42.0000 PPM GAS FIRING 65.0000 PPM OIL FIRING	STEAM INJECTION	BACT
DUCT BURNER, 3 EA	96.00 MMBTU/H	NOX	0.2000 LB/MMBTU	COMBUSTION CONTROL	BACT
TURBINE, GR FRAME 6, 3 EA	416.00 MMBTU/H	VOC	0.0120 LB/MMBTU	COMBUSTION CONTROL	BACT
		SO2	0.2500 % SULFUR OIL	LOW S FUEL	BACT
		PM/*	0.0060 LB/MMBTU GAS FIRING 0.0240 LB/MMBTU OIL FIRING	COMBUSTION CONTROL	BACT
		CO	0.0240 LB/MMBTU	COMBUSTION CONTROL	BACT
DUCT BURNER, 3 EA	96.00 MMBTU/H	CO	0.1000 LB/MMBTU	COMBUSTION CONTROL	BACT
		PM/*	0.0060 LB/MMBTU GAS FIRING	COMBUSTION CONTROL	BACT
		VOC	0.1000 LB/MMBTU	COMBUSTION CONTROL	BACT
BOILER, AUX STEAM	210.00 MMBTU/H				

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

(CONTINUED) EMPIRE ENERGY - NIAGARA COGENERATION CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		NOX	0.2000	LB/MMBTU COMBUSTION CONTROL	BACT
		CO	0.1300	LB/MMBTU COMBUSTION CONTROL	BACT
		PM/*	0.0010 0.0340	LB/MMBTU GAS FIRING LB/MMBTU OIL FIRING COMBUSTION CONTROL	BACT
		SO2	0.2500	% SULFUR OIL LOW S FUEL	BACT

NOTES ---------
FUEL OIL USE IN EACH GAS TURBINE IS LIMITED TO 25% ANNUALLY. DUCT BURNERS FIRE NATURAL GAS ONLY. AUX STEAM BOILER FUEL OIL USE LIMITED TO 25% ANNUALLY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE. DATE ENTERED/UPDATED: 05/16/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 322.50 MMBTU/H

COMPANY NAME/SITE LOCATION: ENERGY RESERVE, INC. , CA — KERN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 4121002
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/04/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED	322.50 MMBTU/H				
		NOX	185.4000 LB/D		BACT
				WATER INJECTION & SELECTIVE CATALYTIC REDUCTION	92.50

NOTES --------
OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/25/1985

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION FARMLAND INDUSTRIES, INC. MERTZON, TX

IRION COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9869
DETERMINATION MADE BY TEXAS ACB (AGENCY)
RANDY HAMILTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/05/86
ESTIMATED DATE OF START-UP-- 1986
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., GAS, 2 EA	1150.00 HP	VOC	34.0000 T/YR	CLEAN BURN ENGINE	NAAQ
		NOX	112.0000 T/YR	CATERPILLAR-3516	
		CO	44.0000 T/YR		

NOTES --------
PSD PERMIT - PSD-TX-673. BACT IS 5.9 G/HP-H FOR NOX.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 01/29/1988

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION FORMOSA PLASTIC CORP. POINT COMFORT, TX CALHOUN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 17030
DETERMINATION MADE BY TEXAS ACB (AGENCY)
RANDY HAMILTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/29/86
ESTIMATED DATE OF START-UP-- 1987
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE MS 6001	38.40 MM	NOX	640.0000 T/YR	STEAM INJECTION	B/NA
		PM	28.6000 T/YR		
		SO2	11.0000 T/YR		
		CO	32.4000 T/YR		
		VOC	1.9000 T/YR		

NOTES --------
PSD PERMIT PSD-TX-699

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 01/29/1988

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION FULTON COGENERATION ASSOCIATES FULTON, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 7-7-3504-00023/00001-0
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/29/90
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GE LM5000, GAS FIRED	500.00 MMBTU/H	NOX	36.0000 PPM GAS FIRING 65.0000 PPM OIL FIRING	H2O INJECTION	BACT
		CO	0.0200 LB/MMBTU, SEE NOTE	COMBUSTION CONTROL	BACT
		PM/*	0.0240 LB/MMBTU GAS FIRING 0.0630 LB/MMBTU OIL FIRING		BACT
		VOC	5.0000 LB/H	COMBUSTION CONTROL	BACT
		SO2	0.3000 % SULFUR OIL	LOW S FUEL	BACT
DUCT BURNER	140.00 MMBTU/H	NOX	0.1000 LB/MMBTU GAS FIRING	COMBUSTION CONTROL	BACT
		CO	0.0500 LB/MMBTU	COMBUSTION CONTROL	BACT
BOILER, AUX STEAM, 2 EA	90.00 MMBTU/H	NOX	0.1400 LB/MMBTU	COMBUSTION CONTROL	BACT
		CO	0.0350 LB/MMBTU	COMBUSTION CONTROL	BACT
		PM/*	0.0140 LB/MMBTU	COMBUSTION CONTROL	BACT
		SO2	0.3000 % SULFUR FUEL	LOW S FUEL	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

(CONTINUED) FULTON COGENERATION ASSOCIATES

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				

NOTES --------
TURBINR CO LIMIT IS REFERENCED AT 45 DEG F. PM/PM10 LIMIT ON TURBINE IS FOR BOTH THE TURBINE & THE DUCT BURNER. DUCT BURNER FI
RES NATURAL GAS ONLY. TURBINE FUEL OIL USE IS LIMITED TO 25% ANNUALLY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE. DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: GILROY ENERGY CO. GILROY, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SFB 84-04
DETERMINATION MADE BY EPA REGION IX (AGENCY)

JIM HANSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/01/85
ESTIMATED DATE OF START-UP-- 1987
(415)-974-8218 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
TURBINE, GAS, 2	60.00 MW	NOX	25.0000	PPMDV AT 15% O2 STEAM INJ./QUIET COMBUSTOR
		SO2	0.1200	% BY WT. FUEL OIL
BOILER, AUXILIARY, 2	90.00 MMBTU/H	NOX	40.0000	PPMDV AT 3% O2 LOW NOX BURNERS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES 29000.00 HP

COMPANY NAME/SITE LOCATION: GREAT LAKES GAS TRANSMISSION , MI

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 438-87
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)
LINDA HARDELL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/16/88
ESTIMATED DATE OF START-UP--
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, #1	12500.00 HP	NOX	SEE NOTES		B/N BACT
		CO	SEE NOTES		
TURBINE, #2	12500.00 HP	NOX	SEE NOTES		B/N BACT
		CO	SEE NOTES		
TURBINE, #3	4000.00 HP	NOX	SEE NOTES		B/N BACT
		CO	SEE NOTES		

NOTES --------
MODIFICATION IS TO RUN ALL THREE TURBINES SIMULTANEOUSLY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 52.00 MW

COMPANY NAME/SITE LOCATION: INDEC/OSWEGO HILL COGENERATION, MITCHELL STATION — OSWEGO, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/07/89
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE FRAME 6	40.00 MW	NOX	42.0000 PPM AT 15% O2, GAS 65.0000 PPM AT 15% O2, OIL	H2O INJECTION	BACT
		SO2	0.2700 % S FUEL	LOW S FUEL OIL	BACT
		PM/*	0.0080 LB/MMBTU, GAS 0.0330 LB/MMBTU, OIL	COMBUSTION CONTROL	BACT
		CO	0.0220 LB/MMBTU	COMBUSTION CONTROL	BACT

NOTES --------
NATURAL GAS IS THE PRIMARY FUEL. NUMBER 2 FUEL OIL WILL BE USED AS BACKUP. SOURCE IS LIMITED TO 25% ,BY TIME, USE OF FUEL OIL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/24/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 53.00 MW

COMPANY NAME/SITE LOCATION: INDECK - YERKS ENERGY SERVICES, INC. SHERIDAN AVE. — TONAWANDA, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/04/88
ESTIMATED DATE OF START-UP--
(513)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE FRAME 6	40.00 MW				
		NOX	42.0000	PPM AT 15% O2, GAS	BACT
			65.0000	PPM AT 15%O2, OIL	
				STEAM INJECTION	
		SO2	0.3000	% S FUEL	BACT
				LOW S FUEL	
		PM	0.0050	LB/MMBTU, GAS	BACT
			0.0400	LB/MMBTU, OIL	
				COMBUSTION CONTROL	
		PM10	0.0050	LB/MMBTU, GAS	BACT
			0.0400	LB/MMBTU, OIL	
				COMBUSTION CONTROL	

NOTES --------
NATURAL GAS IS PRIMARY FUEL. OIL WILL BE USED AS BACK UP. SOURCE IS LIMITED TO 25%, BY TIME, FUEL OIL FIRING.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/24/1989

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION JHC SELKIRK, INC. SELKIRK, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/21/89
ESTIMATED DATE OF START-UP-- 1991
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GE FRAME 7, GAS FIRED	80.00 MW	NOX	25.0000	PPM GAS FIRING	
			42.0000	PPM OIL FIRING	
				STEAM INJECTION	
		CO	25.0000	PPM	
				COMBUSTION CONTROL	
		PM/*	0.0070	LB/MMBTU GAS FIRING	
			0.0140	LB/MMBTU OIL FIRING	
				COMBUSTION CONTROL	
		SO2	0.2000	% SULFUR OIL, SEE NOTE	
				LOW S FUEL	
		VOC	7.0000	PPM	
				COMBUSTION CONTROL	
DUCT BURNER, SUPPLEMENTARILY FI*	123.00 MMBTU/H	NOX	0.1000	LB/MMBTU GAS FIRING	
			0.1200	LB/MMBTU OIL FIRING	
				COMBUSTION CONTROL	
		NOX	0.1900	LB/MMBTU OTHER FUEL	
				COMBUSTION CONTROL	
		CO	0.0600	LB/MMBTU OIL & GAS FIRING	
			0.1000	LB/MMBTU OTHER FUEL	
				COMBUSTION CONTROL	
		PM/*	0.0057	LB/MMBTU GAS FIRING	
			0.0114	LB/MMBTU OIL FIRING	
				COMBUSTION CONTROL	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM/*	0.0120	LB/MMBTU OTHER FUEL COMBUSTION CONTROL	
		SO2	0.2000	% SULFUR OIL, SEE NOTE LOW S FUEL	
		VOC	0.0300	LB/MMBTU OIL & GAS FIRING	
			0.0700	LB/MMBTU OTHER FUEL COMBUSTION CONTROL	

NOTES --------
TURBINE & DUCT BURNER SO2 LIMIT - FUEL OIL USE LIMITED TO 25% ANNUALLY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES 50.00 MW

COMPANY NAME/SITE LOCATION: KAMINE CARTHAGE / JAMES RIVER PAPER — CARTHAGE, NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
(518)-457-2044 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/01/88
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, GE FRAME 6	40.00 MW	NOX	42.0000 PPM, GAS 65.0000 PPM, KEROSINE	STEAM INJECTION	BACT
		SO2	0.1000 % S FUEL	LOW S FUEL	BACT
		CO	0.0220 LB/MMBTU	COMBUSTION CONTROL	BACT
		PM10	0.0050 LB/MMBTU, GAS 0.0400 LB/MMBTU, KEROSINE	COMBUSTION CONTROL	
		VOC	0.0800 LB/MMBTU	COMBUSTION CONTROL	
BURNER, DUCT	113.00 MMBTU/H	NOX	0.1000 LB/MMBTU, GAS 0.1450 LB/MMBTU, KEROSINE	COMBUSTION CONTROL	BACT
		SO2	0.1000 % S FUEL	LOW S FUEL	BACT
		CO	0.1400 LB/MMBTU	COMBUSTION CONTROL	BACT
		VOC	0.1000 LB/MMBTU	COMBUSTION CONTROL	BACT

NOTES ---------
NATURAL GAS IS PRIMARY FUEL WITH KEROSINE AS BACK-UP. SOURCE IS LIMITED TO 25% OF BACK-UP FUEL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 50.00 MW

COMPANY NAME/SITE LOCATION: KAMINE SOUTH GLENS FALLS / JAMES RIVER PAPER — SOUTH GLENS FALLS, NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY) — JAMES HARRINGTON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/01/88
ESTIMATED DATE OF START-UP--
(518)-457-2944 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, GE FRAME 6	40.00 MW				
		NOX	42.0000 PPM, GAS 65.0000 PPM, OIL	STEAM INJECTION	BACT
		CO	0.0210 LB/MMBTU	COMBUSTION CONTROL	BACT
		PM10	0.0550 LB/MMBTU, GAS 0.0400 LB/MMBTU, OIL	COMBUSTION CONTROL	BACT
		SO2	0.2000 % S FUEL	LOW S FUEL	BACT
		VOC	0.0090 LB/MMBTU	COMBUSTION CONTROL	BACT
BURNER, DUCT	113.00 MMBTU/H				
		NOX	0.1000 LB/MMBTU	COMBUSTION CONTROL	BACT
		PM10	0.0050 LB/MMBTU, GAS 0.0400 LB/MMBTU, OIL	COMBUSTION CONTROL	BACT
		CO	0.1600 LB/MMBTU	COMBUSTION CONTROL	BACT
		SO2	0.2000 % S FUEL	LOW S FUEL	BACT
		VOC	0.1000 LB/MMBTU	COMBUSTION CONTROL	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					

NOTES ---------
NATURAL GAS IS PRIMARY FUEL W/0.2% SULFUR DISTILLATE AS BACK-UP. APPLICANT IS LIMITED TO 25% BACK-UP FUEL USE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: KAMINE SYRACUSE COGENERATION CO. — SOLVAY, NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY) — JAMES HARRINGTON (AGENCY CONTACT PERSON) — (518)-457-2044 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/01/89
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED	79.00 MW				
		NOX	36.0000	PPM, NAT GAS	
			65.0000	PPM, OIL	
				WATER INJECTION	
		SO2	0.1500	% SULFUR FUEL	
				LOW S FUEL	
		PM10	0.0530	LB/MMBTU	
				COMBUSTION CONTROL	
		CO	0.0280	LB/MMBTU	
				COMBUSTION CONTROL	
		VOC	0.0280	LB/MMBTU	
				COMBUSTION CONTROL	
BURNER, DUCT	300.00 MMBTU/H				
		NOX	0.1810	LB/MMBTU	
				COMBUSTION CONTROL	
		SO2	0.1500	% SULFUR FUEL	
				LOW S FUEL	
		PM10	0.0670	LB/MMBTU	
				COMBUSTION CONTROL	
		CO	0.1430	LB/MMBTU	
				COMBUSTION CONTROL	
		VOC	0.0860	LB/MMBTU	
				COMBUSTION CONTROL	

NOTES --------
NATURAL GAS IS PRIMARY FUEL WITH #2 FUEL OIL AS BACKUP. SOURCE IS LIMITED TO 2000 HOURS OF BACKUP FUEL. EMISSIONS OF NOX USING NAT GAS MAY NOT EXCEED 110% OF THE COMPLIANCE TEST RESULTS OR 36 PPM, WHICHEVER IS LOWER.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/31/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: KERN ENERGY CORP. , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 3093001
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)

TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/18/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	8.80 MMCF/D	NOX	8.2900 LB/H 0.0230 LB/MMBTU	SCR H/NH3 REDUCING AGENT & COMBUSTOR STEAM INJ. & LOW NOX CONFIG. EXH. DUCT BURNER	87.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/10/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: KERN FRONT LIMITED , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4166001,002
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)

TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/04/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 2 EA	25.00 MW	NOX	193.9800 LB/D, TOTAL 4.5000 PPMVD AT 15% O2	H2O INJ. & SELECTED CATALYTIC REDUCTION	95.80

NOTES --------
DEGREE OF CONTROL EXCEEDS BACT REQUIREMENTS

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 50.00 MW

COMPANY NAME/SITE LOCATION: L & J ENERGY SYSTEM COGENERATION — LOMVILLE, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/15/89
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM 5000	40.00 MW	NOX	42.0000 PPM AT 15% O2, GAS 65.0000 PPM AT 15% O2, OIL	STEAM INJECTION	BACT
		SO2	0.1000 % S FUEL	LOW S FUEL	BACT
		PM	0.0280 LB/MMBTU, GAS 0.0800 LB/MMBTU, OIL	COMBUSTION CONTROL	BACT
		PM10	0.0280 LB/MMBTU, GAS 0.0800 LB/MMBTU, OIL	COMBUSTION CONTROL	BACT
BURNER, DUCT	50.00 MMBTU/H	NOX	0.1000 LB/MMBTU	COMBUSTION CONTROL	BACT
		SO2	0.1000 % S FUEL	LOW S FUEL	BACT
		PM	0.0028 LB/MMBTU	COMBUSTION CONTROL	BACT
		PM10	0.0028 LB/MMBTU	COMBUSTION CONTROL	BACT

NOTES --------
NATURAL GAS IS THE PRIMARY FUEL. NUMBER 2 FUEL OIL WILL BE USED AS BACK UP. SOURCE IS LIMITED TO 25%, BY TIME, TO FUEL OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/24/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 220.00 MW

COMPANY NAME/SITE LOCATION: LONG ISLAND LIGHTING CO.
SHOREHAM WEST SITE , NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/01/88
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GE FRAME 7, 3 EA	75.00 MW				
		NOX	55.0000 PPM	WATER INJECTION	BACT
		SO2	0.2500 % S OIL	LOW S FUEL	BACT
		CO	10.0000 PPM	COMBUSTION CONTROL	
		PM10	0.0060 LB/MMBTU	COMBUSTION CONTROL	BACT
		VOC	0.0060 LB/MMBTU	COMBUSTION CONTROL	BACT

NOTES --------
PEAKING UNIT - EXPECTED USE - 30%. LIMITED TO 67% AVAILABILITY. THIS IS A DUPLICATE PERMIT TO THE LILCO WEST BABYLON, NY-0025, FACILITY. ONLY ONE FACILITY MAY BE CONSTRUCTED WITHOUT FURTHER BACT REVIEW.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MEGAN-RACINE ASSOCIATES, INC. CANTON, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/06/89
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, LM5000	430.00 MMBTU/H				
		SO2	0.2000	% SULFUR FUEL LOW S FUEL	BACT
		PM/*	0.0280	LB/MMBTU GAS	BACT
			0.0800	LB/MMBTU OIL	
		CO	0.0260	LB/MMBTU OIL	NAAQ
			0.1500	LB/MMBTU GAS COMBUSTION CONTROL	
		NOX	42.0000	PPM GAS	BACT
			65.0000	PPM OIL H2O INJECTION	
DUCT BURNER, NAT GAS FIRED	40.00 MMBTU/H				
		VOC	0.0200	LB/MMBTU GAS	NAAQ
			0.0300	LB/MMBTU OIL COMBUSTION CONTROL	
		NOX	0.1000	LB/MMBTU COMBUSTION CONTROL	BACT

NOTES --------
CO & PM/PM10 LIMIT IS FOR TURBINE & DUCT BURNER COMBINED. TURBINE FUEL OIL USE IS LIMITED TO 25% ANNUALLY. THE DUCT BURNER MAY FIRE NATURAL GAS ONLY. DUCT BURNER VOC LIMIT IS FOR THE TURBINE & THE DUCT BURNER COMBINED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 984.20 MMBTU/H

COMPANY NAME/SITE LOCATION: MIDLAND COGENERATION VENTURE — MIDLAND, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 759-87
DETERMINATION MADE BY MICHIGAN DNR, AQD (AGENCY)

GREGORY EDWARDS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 02/16/88
ESTIMATED DATE OF START-UP-- 1990
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, 12 TOTAL	984.20 MMBTU/H	PM10	0.5000 LB/H	NAT GAS FUEL	BACT
		SO2	15.5000 LB/H	NAT GAS FUEL	BACT
		NOX	42.0000 PPMV AT 15% O2	STEAM INJ.	BACT
		CO	26.0000 LB/H	TURBINE DESIGN	BACT
BURNER, DUCT, 6 TOTAL	249.00 MMBTU/H	NOX	0.1000 LB/MMBTU	BURNER DESIGN	B/N

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MIDWAY - SUNSET PROJECT , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4014800-807
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)

TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/06/87
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 3	973.00 MMBTU/H	NOX	113.4000 LB/H EA 16.3100 PPMV	H2O INJECTION	73.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MIDWAY-SUNSET COGENERATION CO. , CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. NSR 4-4-8,SJ 87-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)

DATE OF PERMIT ISSUANCE-- 01/27/88
ESTIMATED DATE OF START-UP--
SHIRLEY RIVERA (AGENCY CONTACT PERSON)
(415)-974-7043 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GE FRAME 7, 3 EA	75.00 MW				
		NOX	85.0000	LB/H EA, NAT GAS, NOTE 1	BACT
			85.0000	LB/H EA, NAT GAS, NOTE 3 H2O INJ., "QUIET COMBUSTOR"	
		NOX	140.0000	LB/H EA, OIL FIRING, NOTE 1	BACT
			140.0000	LB/H EA, OIL FIRING, NOTE 3 H2O INJ., "QUIET COMBUSTOR"	
		NOX	243.0000	LB/H TOTAL, NOTE 4 H2O INJ., "QUIET COMBUSTOR"	BACT
		CO	94.0000	LB/H EA, NOTE 1	BACT
			94.0000	LB/H EA, NOTE 2 PROPER COMBUSTION	

NOTES --------
NOTE 1-FOR LOADS >= 75% OF CAPACITY, OIL OR GAS FIRING. NOTE 2-FOR LOADS <75% OF CAPACITY, GAS OR OIL FIRING. NOTE 3-FOR LOADS <75% OF CAPACITY WITH A MINIMUM WATER TO FUEL INJECTION RATIO OF 0.60 TO 1.
NOTE 4-FOR ALL THREE TURBINES AT ALL OPERATING LOADS WITH A MINIMUM WATER TO FUEL INJECTION RATIO OF 0.60 TO 1.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MOBIL EXPLORATION & PRODUCING US, INC. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4335
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY)
F. THOITS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/27/88
ESTIMATED DATE OF START-UP--
(408)-722-7879 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE & BURNER, DUCT	3.11 MW	NOX	91.0000 LB/D		BACT
			0.0470 LB/MMBTU		65.00
				SCR CATALYST	
				AMMONIA INJ., H2O INJ.	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MOBIL OIL
SAN ARDO COGENERATION PROJECT , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4335 & 4471
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY)
F. THOITS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/27/88
ESTIMATED DATE OF START-UP-- 1989
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, 2 EA, W/DUCT BURNER	81.40 MMBTU/H	NOX	90.7000 LB/D 0.0470 LB/MMBTU	MOLECULAR SIEVE TYPE CATALYST H2O INJECTION	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES 45.00 MW

COMPANY NAME/SITE LOCATION: MOJAVE COGENERATION CO. , CA KERN COUNTY

DETERMINATION IS BACT
PERMIT NO. 0164001
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/12/89
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	490.00 MMBTU/H	PM	0.0170 LB/MMBTU, GAS 0.0357 LB/MMBTU, OIL OIL FIRING LIMITED TO 11 H/D	BACT
		SO2	0.0012 LB/MMBTU, GAS 0.0510 LB/MMBTU, OIL OIL FIRING LIMITED TO 11 H/D	BACT
		NOX	0.0310 LB/MMBTU, GAS 0.1500 LB/MMBTU, OIL OIL FIRING LIMITED TO 11 H/D	BACT

NOTES --------
ORIGINALLY U.S. BORAX COGEN II, PERMIT #1004086. FUEL OIL TO BE USED ONLY DURING NATURAL GAS CURTAILMENT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 45.00 MW

COMPANY NAME/SITE LOCATION: MOJAVE COGENERATION CO., L.P. — , CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. SE 86-01-A
DETERMINATION MADE BY EPA REGION IX (AGENCY)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1988

LINH TRAN (AGENCY CONTACT PERSON)
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS				
		NOX	10.0000 PPMV AT 15% O2,DRY, GAS FIRING	
			40.0000 PPMV AT 15% O2, DRY, OIL FIRING	
			SCR/STEAM INJECTION	
		SO2	24.0000 PPMV AT 15% O2, DRY, OIL FIRING	
			LOW S FUEL OIL, 0.2% S BY WT.	

NOTES --------
EPA UPDATED BACT REQUIREMENTS UPON GRANTING AN 18 MONTH EXTENSION OF THE EXISTING PSD PERMIT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

SOURCE TYPE/SIZE . NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION MONARCH COGENERATION , CA

DETERMINATION IS
PERMIT NO. 4164005
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)

TOM PAXSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/18/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE & GENERATOR, STEAM	92.20 MMBTU/H				
		NOX	192.5000 LB/D		BACT
			22.0000 PPMVD AT 15% O2		
				SELECTIVE CATALYTIC REDUCTION	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MONARCH COGENERATION , CA

DETERMINATION IS
PERMIT NO. 4164004
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
(805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/18/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY *	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE & GENERATOR, STEAM	92.20 MMBTU/H				
		NOX	192.5000 LB/D		BACT
			22.0000 PPMVD AT 15% O2		
				SELECTIVE CATALYTIC REDUCTION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MORAN POWER, INC. , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 3095001
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/18/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	8.00 MMCF/D			
		NOX	8.2900 LB/H	
			0.0200 LB/MMBTU	
			SCR W/NH3 REDUCING AGENT & COMBUSTOR	87.00
			STEAM INJ. & LOW NOX CONFIG. EXH. DUCT BURNER	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: NORTHERN CALIFORNIA POWER , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. A/C 85-02
DETERMINATION MADE BY MENDOCINO COUNTY APCD (AGENCY)
R. SHAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/01/85
ESTIMATED DATE OF START-UP-- 1986
(707)-463-4391 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE-GENERATOR, GE FRAME 5, *	25.80 MW				
		NOX	75.0000	PPM, SEE NOTE H2O INJ	

NOTES --------
OPERATION LIMITED TO 782 HOURS/YR ON NAT. GAS, 456 HOURS/YR ON 0.25% OIL OR 1032 HOURS/YR ON 0.1% OIL. NOX EMISSION LIMIT NOTE - H2O INJ. TO ACHIEVE 42. PPMVD AT 15% O2 FOR NAT. GAS, 65. PPMVD FOR OIL.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: O'BRIAN CALIFORNIA COGEN II, LIMITED , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4586
DETERMINATION MADE BY MONTEREY BAY UNIFIED AQMD (AGENCY)
DAVID CRAFT (AGENCY CONTACT PERSON)
(408)-443-1135 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/04/90
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS GENERATOR SET W/DU*	49.50 MW	NOX	350.4000 LB/D 14.6000 LB/H	SCR, DRY TYPE	B/L

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: O'BRIEN COGENERATION, 60 COLUMBUS BOULEVARD, HARTFORD, CT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 075-0060
DETERMINATION MADE BY CONNECTICUT DEP (AGENCY)
MARK HULTMAN (AGENCY CONTACT PERSON)
(203)-566-8230 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/08/88
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED	499.90 MMBTU/H	PM	0.0090 LB/MMBTU, GAS FIRED	
			0.0250 LB/MMBTU, OIL FIRED	
			GOOD COMBUSTION TECHNIQUES	
		SOX	0.1900 LB/MMBTU	
			35.0000 PPMVD AT 15% O2	
			LOW S OIL, ANNUAL FUEL LIMIT	
		NOX	39.0000 PPMVD AT 15% O2 GAS FIRED	
			40.0000 PPMVD AT 15% O2 OIL FIRED	
			WATER INJECTION	
TURBINE, GAS FIRED	499.90 MMBTU/H	PM	0.0090 LB/MMBTU, GAS FIRED	
			0.0250 LB/MMBTU, OIL FIRED	
			GOOD COMBUSTION TECHNIQUES	
		SOX	0.1900 LB/MMBTU	
			35.0000 PPMVD AT 15% O2	
			LOW S OIL, ANNUAL FUEL LIMIT	
		NOX	39.0000 PPMVD AT 15% O2 GAS FIRED	
			40.0000 PPMVD AT 15% O2 OIL FIRED	
			WATER INJECTION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: O'BRIEN ENERGY SYSTEMS/MERCHANTS REFIRG* , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 3627
DETERMINATION MADE BY MONTEREY BAY APCD (AGENCY)
DAVID CRAFT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/30/86
ESTIMATED DATE OF START-UP-- 1988
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED	359.50 MMBTU/H				
		NOX	30.3000 LB/H		
			15.0000 PPMVD AT 15% O2	DUCT BURNER H2O INJ., & SCR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/05/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 500.00 MW

COMPANY NAME/SITE LOCATION: OCEAN STATE POWER — BURRILLVILLE, RI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. RI-PSD-1
DETERMINATION MADE BY RHODE ISLAND DEM (AGENCY)

DOUG MCVAY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/13/88
ESTIMATED DATE OF START-UP-- 1990
(401)-277-2808 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE FRAME 7, 4 EA	1059.00 MMBTU/H			
		NOX	9.0000 PPMVD AT 15% O2 SCR/H2O INJ.	BACT
		CO	25.0000 PPMVD AT 15% O2	BACT
		NH3	30.0000 PPMVD AT 15% O2	BACT
		VOC	4.1000 PPMVD AT 15% O2	BACT

NOTES --------
0.3% SULFUR DISTILLATE OIL AS EMERGENCY BACK-UP FUEL. OIL OPERATION LIMITED TO 1200 HOURS/YR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 54.00 MW

COMPANY NAME/SITE LOCATION: ONEIDA COGENERATION FACILITY — ONEIDA, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 6-3060-0021/00001-1
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)
JAMES HARRINGTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/26/90
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, AUX STEAM	114.00 MMBTU/H				
		VOC	0.0150	LB/MMBTU COMBUSTION CONTROL	NAAQ
		SO2	0.2000	% SULFUR OIL OIL FIRING LIMITED TO 168 H/YR LOW S FUEL	NAAQ
		PM/*	0.0120	LB/MMBTU COMBUSTION CONTROL	NAAQ
		CO	0.1400 0.1450	LB/MMBTU GAS FIRING LB/MMBTU OIL FIRING COMBUSTION CONTROL	NAAQ
		NOX	0.0900 0.2000	LB/MMBTU GAS FIRING LB/MMBTU OIL FIRING COMBUSTION CONTROL	NAAQ
TURBINE, GE FRAME 6	417.00 MMBTU/H				
		VOC	0.0130	LB/MMBTU COMBUSTION CONTROL	NAAQ
		PM/*	0.0060	LB/MMBTU COMBUSTION CONTROL	NAAQ
		CO	40.0000	PPM COMBUSTION CONTROL	NAAQ
		NOX	32.0000	PPM GAS COMBUSTION CONTROL	NAAQ

NOTES --------
TURBINE MAY FIRE NATURAL GAS ONLY & MAY ONLY OPERATE 8496 HOURS/YR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: ORLANDO UTILITIES COMMISSION — TITUSVILLE, FL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-FL-130
DETERMINATION MADE BY FLORIDA DER, BAR (AGENCY)

BARRY ANDREWS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 09/01/88
ESTIMATED DATE OF START-UP-- 1990
(904)-488-1344 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, 2 EA	35.00 MW				
		NOX	42.0000	PPM AT 15% O2, GAS	BACT
			65.0000	PPM AT 15% O2 OIL	
				STEAM INJECTION	
		SO2	0.3000	% SULFUR FUEL	BACT
				LOW S FUEL	
		CO	10.0000	PPMVD AT 15% O2	BACT
				COMBUSTION CONTROL	
		VOC	7.0000	PPMVD AT 15% O2	BACT
				COMBUSTION CONTROL	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: PACIFIC GAS TRANSMISSION CO. — BEND, OR

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 09-0084
DETERMINATION MADE BY OREGON DEQ (AGENCY)
WENDY SIMS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/19/87
ESTIMATED DATE OF START-UP-- 1989
(503)-229-6414 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	14000.00 HP	NOX	154.0000 PPM 50.3000 LB/H	COMBUSTION CONTROL	BACT
		CO	6.0000 LB/H 25.0000 T/YR		
		VOC	1.6000 LB/H 7.0000 T/YR		

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 08/10/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 242.00 MW

COMPANY NAME/SITE LOCATION: PACIFIC THERMONETICS, INC. CROCKETT COGENERATION — CROCKETT, CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. NSR 4-4-3, SFB 88-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)
PETER FICKENSCHER (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/06/89
ESTIMATED DATE OF START-UP-- 1994
(415)-974-8226 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GE FRAME 7, 2 EA	995.00 MMBTU/H	PM10	0.0025 LB/MMBTU NAT GAS USE ONLY	
BURNER, HRSG, 2	425.00 MMBTU/H	PM10	0.0048 LB/MMBTU NAT GAS USE ONLY	

NOTES --------
THE BAAQMD ISSUED A DETERMINATION OF COMPLIANCE IN ACCORDANCE WITH PSD REGULATIONS DELEGATED TO THE DISTRICT. PM10, THOUGH, HAS NOT YET BEEN DELEGATED BY EPA.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: PANDA-ROSEMARY CORP. ROANOKE RAPIDS, NC

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 6586R
DETERMINATION MADE BY NORTH CAROLINA DEM (AGENCY)
SAMMY AMERSON (AGENCY CONTACT PERSON)
(919)-733-3340 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/06/89
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, COMBUSTION, 86 FRAME	499.00 MMBTU/H GAS	NOX	83.0000 LB/H 0.1700 LB/MMBTU	H2O INJECTION	BACT
		SO2	0.2900 LB/H 5.9000 EE-4 LB/MMBTU	LOW S FUEL	BACT
		CO	10.8000 LB/H 0.0220 LB/MMBTU	COMBUSTION CONTROL	BACT
		PM/*	2.5000 LB/H 0.0050 LB/MMBTU	COMBUSTION CONTROL	BACT
		VOC	4.8000 LB/H 0.0095 LB/MMBTU	COMBUSTION CONTROL	BACT
TURBINE, COMBUSTION, 86 FRAME	509.00 MMBTU/H OIL	NOX	134.0000 LB/H 0.2600 LB/MMBTU	H2O INJECTION	BACT
		SO2	105.0000 LB/H 0.2100 LB/MMBTU	LOW S FUEL	BACT
		CO	10.9000 LB/H 0.0210 LB/MMBTU	COMBUSTION CONTROL	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/29/1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM/*	17.0000 LB/H		BACT
			0.0330 LB/MMBTU		
				COMBUSTION CONTROL	
		VOC	4.7000 LB/H		BACT
			0.0093 LB/MMBTU		
				COMBUSTION CONTROL	
		H2S*	1.8000 LB/H		BACT
			0.0035 LB/MMBTU		
				LOW S FUEL	
		BE	0.0013 LB/H		BACT
			2.6000 EE-6 LB/MMBTU		
				COMBUSTION CONTROL	
		AS	0.2300 LB/H		BACT
			4.6000 EE-5 LB/MMBTU		
				COMBUSTION CONTROL	
TURBINE, COMBUSTION, #7 FRAME	1047.00 MMBTU/H GAS				
		NOX	173.0000 LB/H		BACT
			0.1700 LB/MMBTU		
				H2O INJECTION	
		SO2	0.6200 LB/H		BACT
			5.9000 EE-4 LB/MMBTU		
				LOW S FUEL	
		CO	23.1000 LB/H		BACT
			0.0022 LB/MMBTU		
				COMBUSTION CONTROL	
		PM/*	5.0000 LB/H		BACT
			0.0048 LB/MMBTU		
				COMBUSTION CONTROL	
		VOC	10.2000 LB/H		BACT
			0.0097 LB/MMBTU		
				COMBUSTION CONTROL	
TURBINE, COMBUSTION, #7 FRAME	1060.00 MMBTU/H OIL				
		NOX	277.0000 LB/H		BACT
			0.2600 LB/MMBTU		
				H2O INJECTION	
		SO2	218.0000 LB/H		BACT
			0.2100 LB/MMBTU		
				LOW S FUEL	
		CO	23.0000 LB/H		BACT
			0.0220 LB/MMBTU		
				COMBUSTION CONTROL	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/29/1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM/*	10.0000 LB/H 0.0094 LB/MMBTU	COMBUSTION CONTROL	BACT
		VOC	10.1000 LB/H 0.0096 LB/MMBTU	COMBUSTION CONTROL	BACT
		H2S*	3.7000 LB/H 0.0035 LB/MMBTU	LOW S FUEL	BACT
		BE	0.0027 LB/H 2.6000 EE-6 LB/MMBTU	COMBUSTION CONTROL	BACT
		AS	0.0490 LB/H 4.6000 EE-5 LB/MMBTU	COMBUSTION CONTROL	BACT
BOILER, 2 EA, GAS FIRED	81.25 MMBTU/H				
		NOX	8.1000 LB/H 0.1000 LB/MMBTU	LOW NOX BURNER	BACT
		SO2	0.0480 LB/H 5.9000 EE-4 LB/MMBTU	LOW S FUEL	BACT
		CO	2.7000 LB/H 0.0330 LB/MMBTU	COMBUSTION CONTROL	BACT
		PM/*	0.3900 LB/H 0.0048 LB/MMBTU	COMBUSTION CONTROL	BACT
		VOC	0.2200 LB/H 0.0027 LB/MMBTU	COMBUSTION CONTROL	BACT
BOILER, 2 EA, OIL FIRED	81.25 MMBTU/H				
		NOX	9.8000 LB/H 0.1200 LB/MMBTU	LOW NOX BURNER	BACT
		SO2	16.8000 LB/H 0.2100 LB/MMBTU	LOW S FUEL	BACT
		CO	2.9500 LB/H 0.0360 LB/MMBTU	COMBUSTION CONTROL	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/29/1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM/*	1.1800 LB/H		BACT
			0.0150 LB/MMBTU		
				COMBUSTION CONTROL	
		VOC	0.1200 LB/H		BACT
			0.0015 LB/MMBTU		
				COMBUSTION CONTROL	
		H2S*	0.6400 LB/H		BACT
			0.0079 LB/MMBTU		
				LOW S FUEL	
		BE	2.1000 EE-4 LB/H		BACT
			2.6000 EE-6 LB/MMBTU		
				COMBUSTION CONTROL	
		AS	0.0037 LB/H		BACT
			4.6000 EE-5 LB/MMBTU		
				COMBUSTION CONTROL	

NOTES --------
COMBUSTION TURBINES MUST OPERATE LESS THAN 2000 H/YR EACH. IF THE FACILITY EXCEEDS 2000 H/YR THEN A REVISED BACT ANALYSIS IS R
EQUIRED FOR NOX, PM, & CO.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE. DATE ENTERED/UPDATED: 09/29/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: PAWTUCKET POWER — PAWTUCKET, RI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 948-950
DETERMINATION MADE BY RHODE ISLAND DEM (AGENCY)

DOUG MCVAY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 01/30/89
ESTIMATED DATE OF START-UP-- 1991
(401)-277-2808 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE/DUCT BURNER	533.00 MMBTU/H			
		NOX	9.0000 PPMVD AT 15% O2, GAS FIRING	BACT
			18.0000 PPMVD AT 15% O2, OIL FIRING	
			SCR	
		CO	23.0000 PPMVD AT 15% O2, GAS FIRING	BACT
			10.0000 PPMVD AT 15% O2, OIL FIRING	
		PM	0.0070 LB/MMBTU GAS FIRING	BACT
			0.0450 LB/MMBTU OIL FIRING	
		VOC	19.0000 PPMVD AT 15% O2, GAS FIRING	BACT
			8.0000 PPMVD AT 15% O2, OIL FIRING	
		NH3	30.0000 PPMVD AT 15% O2, GAS FIRING	BACT
			30.0000 PPMVD AT 15% O2, OIL FIRING	

NOTES --------
DUCT BURNER LIMITED TO NATURAL GAS FIRING ONLY. OIL FIRING LIMITED TO 1000 H/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

APPENDIX -- DETAILED SOURCE LISTING

05/30/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 49.90 MW

COMPANY NAME/SITE LOCATION: PG & E, STATION T — SAN FRANCISCO, CA
JESSIE ST BETWEEN 6TH & MINT STS.

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. SFB 86-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
(415)-974-7631 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/25/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM5000	396.00 MMBTU/H				
		NOX	25.0000 PPM AT 15% O2		BACT
			63.0000 LB/H		
				STEAM INJ. AT STEAM/FUEL RATIO = 1.7/1	75.00

NOTES --------
A CO OXIDIZING CATALYST SYSTEM FOR THE CONTROL OF CO EMISSIONS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: POWER DEVELOPMENT CO. , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 152305,152289
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY)
WILLIAN THOMPSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/22/87
ESTIMATED DATE OF START-UP-- 1987
(818)-572-6185 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	49.00 MMBTU/H	NOX	36.0000 LB/D 9.0000 PPMVD AT 15% O2 SCR UNIT H2O INJECTION	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 217.00 MMBTU/H

COMPANY NAME/SITE LOCATION: PROCTOR & GAMBLE — SACRAMENTO, CA

DETERMINATION IS
PERMIT NO. SAC 83-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)

JIM HANSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/07/85
ESTIMATED DATE OF START-UP-- 1984
(415)-974-8218 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	217.00 MMBTU/H				
		SO2	0.3000	% S BY WT	
		NOX	75.0000	PPM AT 15% O2, OIL	
			62.0000	PPM AT 15% O2, GAS	
				H2O INJECTION	
		CO	32.0000	LB/H GAS FIRED	
			22.0000	LB/H OIL FIRED	
BURNER, DUCT	40.00 MMBTU/H				
		NOX	0.0860	LB/MMBTU	
				LOW NOX BURNERS	
		CO	0.5000	LB/H	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: RICHMOND POWER ENTERPRISE PARTNERSHIP — RICHMOND, VA

DETERMINATION IS L/N FOR A NEW SOURCE.
PERMIT NO. 50988
DETERMINATION MADE BY VIRGINIA DAPC (AGENCY)

DATE OF PERMIT ISSUANCE-- 12/12/89
ESTIMATED DATE OF START-UP-- 1991

ART ESCOBAR (AGENCY CONTACT PERSON)
(804)-786-6079 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, 2	1163.50 MMBTU/H				
		NOX	8.2000	PPMVD 15% O2 NAT GAS	
			11.7000	PPMVD 15% #2 OIL	
				SCR	
				STEAM INJECTION	
		SO2	38.3000	PPMVD 15% #2 OIL	
				LOW S FUEL	
BURNER, DUCT, 2	80.00 MMBTU/H				
		PM			
				LOW ASH FUEL	
		SO2			
				LOW S FUEL	
		NOX	8.2000	PPMVD 15% O2 NAT GAS	
			11.7000	PPMVD 15% #2 OIL	
				SCR	
BOILER	117.50 MMBTU/H				
		PM	0.0360	LB/MMBTU	
				LOW ASH FUEL	
		SO2	0.2300	LB/MMBTU	
				LOW S FUEL	
		NOX	0.2000	LB/MMBTU	
				STAGED COMBINATION/LEA	

NOTES --------
TO CONSTRUCT A GAS TURBINE COGENERATING FACILITY. SUBPART GG OF NSPS APPLIES. SCR USED TO AVOID A PSD REVIEW. THIS IS A BASE LOAD FACILITY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: SAN JOAQUIN COGEN LIMITED , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 86-123
DETERMINATION MADE BY SAN JOAQUIN CO. APCD (AGENCY)

DATE OF PERMIT ISSUANCE-- 06/19/87
ESTIMATED DATE OF START-UP-- 1989

SEYED SADREDIN (AGENCY CONTACT PERSON)
(209)-468-3474 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, GAS TURBINE	48.60 MW				
		NOX	250.0000 LB/D		BACT
			6.0000 PPMVD AT 15% O2		
				SCR	76.00
				H2O INJECTION	
		CO	1326.0000 LB/D		
			55.0000 PPMVD AT 15% O2		
				COMBUSTION CONTROLS	

NOTES --------
NO CONSTRUCTION HAS BEEN STARTED AS OF THIS REPORT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES 20.00 MW

COMPANY NAME/SITE LOCATION: SHELL CALIFORNIA PRODUCTION CO. , CA
BELRIDGE FIELD KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4012175
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
(805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/30/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, 2 EA	22.00 MW	PM	3.9200 LB/H	BACT
		CO	10.0000 PPMV AT 15% O2	
			22.0000 LB/H	
			PROPER COMBUSTION	
		NOX	42.0000 PPM AT 15% O2	
			35.0000 LB/H	
			H2O INJECTION	

NOTES --------
IF EXHAUST GAS CO CONCENTRATION EXCEEDS 10 PPMV AT 15% O2,INSTALLATION OF OXIDIZING CATALYST FOR CO CONTROL OF AT LEAST 80% RE
DUCTION EFFICIENCY IS REQUIRED. OPERATIONAL LEVEL IS 80% OF DESIGN CAPACITY & OPERATES 24 H/D, 365 D/YR.
NO WATER INJECTION FOR NOX CONTROL. CEMS REQUIRED FOR NOX & O2. REGIONAL CONTACT IS MATT HABER/PHONE #(415)-974-8218.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: SIERRA LTD. , CA KERN COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4162001,002
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM2500, 2 TOTAL	11.34 MMCF/D			
		NOX	4.0400 LB/H EA	
			0.0160 LB/MMBTU	
			SCR & CO CATALYTIC CONVERTER	95.86
			STEAM INJECTION	

NOTES --------
EMISSION LIMIT EXCEEDED BACT REQUIREMENT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION SOUTHEAST ENERGY, INC. , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 3094001
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/18/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	8.00 MMCF/D	NOX	8.2900 LB/H 0.0230 LB/MMBTU	SCR W/NH3 REDUCING AGENT & COMBUSTOR STEAM INJ. & LOW NOX CONFIG. EXH. DUCT BURNER	87.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/10/1986

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION SUNLAH/INDUSTRIAL PARK 2 , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. AAP 120624,AAP 120625
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY)

BOB PEASE (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/28/85
ESTIMATED DATE OF START-UP-- 1986
(818)-572-6174 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS W/#2 FUEL OIL BACK*	412.30 MMBTU/H	NOX	9.0000	PPMVD AT 15% O2 SCR & STEAM INJ.	80.00
		CO	10.0000	PPMVD AT 15% O2 MFG GUARANTEE ON CO EMISSIONS	
		SOX	0.0500	% S FUEL, BY WT. LIMIT FUEL S CONTENT	

NOTES --------
ONE TURBINE IS PERMIT #APP 120624, AND THE OTHER IS #APP 120625. COMPANY ALSO KNOWN AS SUNLAH/U.S. GROWERS NO.2

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 300.00 MW

COMPANY NAME/SITE LOCATION: SYCAMORE COGENERATION CO., KERN RIVER OIL FIELD — BAKERSFIELD, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 85-09
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/06/87
ESTIMATED DATE OF START-UP--
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, 4 EA	75.00 MW	CO	10.0000 PPMV AT 15% O2, 3 H AVG	CO OXIDIZING CATALYST COMBUSTION CONTROL	

NOTES --------
APPLICANT PROVIDED EMISSION OFFSETS FOR NOX & SO2. WATER INJECTION SYSTEM IS USED FOR THE CONTROL OF NOX FOR THIS PROJECT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/05/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 50.00 MW

COMPANY NAME/SITE LOCATION: TBG/GRUMMAN — BETHPAGE, NY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 282400 5705 00001
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)

JAMES HARRINGTON (AGENCY CONTACT PERSON)
(518)-457-2044 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/10/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 2 EA	16.00 MW				
		NOX	75.0000	PPM + NSPS CORREC	
			0.2000	LB/MMBTU	
				H2O INJECTION	78.70
				COMBUSTION CONTROLS	
		SO2	0.3700	% S FUEL	
		CO	0.1810	LB/MMBTU	
				CO CATALYST	80.00
		PM10	0.0110	LB/MMBTU	

NOTES --------
NSPS FOR GAS TURBINES WAS ACCEPTED AS BACT BECAUSE PROJECT IS IN A NONATTAINMENT AREA FOR CO & CO CONTROLS WERE PROPOSED.
FACILITY IS OPERATING. COMPLIANCE TESTS INDICATE COMPLIANCE WITH PERMIT LIMITS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: TEXACO-YOKUM COGENERATION PROJECT , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 3916,3917
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY)
F. THOITS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/01/88
ESTIMATED DATE OF START-UP-- 1989
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, 2 EA	24.50 MW	NOX	190.0000 LB/D 0.0310 LB/MMBTU		BACT
		CO	133.0000 LB/D 0.0220 LB/MMBTU		BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: TEXAS GAS TRANSMISSION CORP. HARDINSBURG COMPRESSOR STATION — HARDINSBURG, KY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. C 88-015
DETERMINATION MADE BY KENTUCKY DAQ (AGENCY)
JAMES DILLS (AGENCY CONTACT PERSON)
(502)-564-3382 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/26/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	14300.00 HP	NOX	0.0150 % BY VOLUME	B/N
		SO2	0.1270 % BY WEIGHT	B/N

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: NATURAL GAS TURBINES 57.00 MW

COMPANY NAME/SITE LOCATION: TRIGEN
MITCHELL FIELD , NY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NEW YORK STATE DEC (AGENCY)

JAMES HARRINGTON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/01/88
ESTIMATED DATE OF START-UP--
(518)-457-2044 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, GE FRAME 6	40.00 MW	NOX	60.0000 PPM, GAS 65.0000 PPM, OIL	STEAM INJECTION	BACT
		SO2	0.2700 % S FUEL	LOW S FUEL	BACT
		CO	0.0230 LB/MMBTU	COMBUSTION CONTROL	BACT
		PM10	0.0060 LB/MMBTU, GAS 0.0400 LB/MMBTU, KEROSINE	COMBUSTION CONTROL	BACT
		VOC	0.0110 LB/MMBTU	COMBUSTION CONTROL	BACT
BURNER, DUCT	193.00 MMBTU/H	NOX	0.2000 LB/MMBTU	COMBUSTION CONTROL	BACT
		PM10	0.0150 LB/MMBTU, GAS 0.0400 LB/MMBTU, OIL	COMBUSTION CONTROL	BACT
		CO	0.0700 LB/MMBTU	COMBUSTION CONTROL	BACT
		SO2	0.2700 % S FUEL	LOW S FUEL	BACT
		VOC	0.0350 LB/MMBTU	COMBUSTION CONTROL	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

(CONTINUED) TRIGEN

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					

NOTES --------
NATURAL GAS IS PRIMARY FUEL W/LOW S OIL AS BACK-UP. SOURCE IS LIMITED TO 25% OF BACK-UP FUEL. THIS PROJECT IS WITHIN AN AREA W
HICH IS PROHIBITED FROM INCREASING WATER USE & INCREASED STEAM INDICATION WAS
DEMONSTRATED AS UNAVAILABLE FOR THIS REASON.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/01/1989

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: TROPICANA PRODUCTS, INC. — BRADENTON, FL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-FL-136
DETERMINATION MADE BY FLORIDA DER, BAR (AGENCY)
BARRY ANDREWS (AGENCY CONTACT PERSON)
(904)-488-1344 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/30/89
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	45.40 MW	NOX	42.0000 PPMDV AT 15% O2	STEAM INJECTION	BACT
		CO	10.0000 PPMDV AT 15% O2		BACT
BURNER, DUCT	104.00 MMBTU/H	NOX	0.1000 LB/MMBTU		BACT
		CO	0.1400 LB/MMBTU		BACT

NOTES --------
LIMITED TO FIRING NATURAL GAS ONLY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 45.00 MW

COMPANY NAME/SITE LOCATION: U.S. BORAX & CHEMICAL CORP. — BORON, CA

DETERMINATION IS BACT
PERMIT NO. SE 86-01
DETERMINATION MADE BY EPA REGION IX (AGENCY)
LINH TRAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/20/87
ESTIMATED DATE OF START-UP--
(415)-974-7631 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	45.00 MW	NOX	40.0000 LB/H		
			25.0000 PPM AT 15% O2 DRY		
				SCR	
				WATER/STEAM INJECTION	
		CO	23.0000 LB/H		
				PROPER COMBUST. TECHNIQUES	
		PM	12.0000 LB/H		
		VOC	6.0000 LB/H		
				PROPER COMBUST. TECHNIQUES	

NOTES --------
PLANT WILL FIRE OIL AS BACK-UP FUEL. NOX AT 42 PPM AT 15% O2 DRY, SO2 AT 102 LB/H, CO AT 30 LB/H, PM AT 48 LB/H, & PM AT 19 LB /H. ALL LIMITS BASED ON 3 H AVERAGES

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/05/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: UNION COGENERATION , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30810
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
STEVE HILL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/17/86
ESTIMATED DATE OF START-UP-- 1986
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS W/DUCT BURNER, 3 EA	16.00 MW				
		NOX	25.0000 PPMV AT 15% O2	H2O INJ. & SCR	
		CO	39.0000 LB/H		
			111.0000 T/YR		
				OXIDIZING CATALYST	80.00
		VOC	8.0000 LB/H		
			29.2000 T/YR		
				OXIDIZING CATALYST	7.00

NOTES --------
UNDER NORMAL CONDITIONS, TWO TURBINES WILL OPERATE WHILE ONE IS ON STANDBY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES 38.70 MW

COMPANY NAME/SITE LOCATION: UNIVERSITY CO-GENERATION LTD., 1983-I BELLRIDGE OIL FIELD, CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4133001
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/21/84
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS & BOILER, WASTE HE*	38.70 MW	NOX	199.0000 LB/D H2O INJECTION, SCR	97.00

NOTES --------
EMISSION LIMITS ALTERED TO REFLECT CHANGES RECEIVED 12/17/85. UNIT WILL OPERATE 24 H/D, 7 D/WK, 52 WK/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/17/1985

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: WESTERN POWER SYSTEM, INC. , CA
FRESNO COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 3060080101
DETERMINATION MADE BY FRESNO COUNTY APCD (AGENCY)
SIMEON BUGAY (AGENCY CONTACT PERSON)
(209)-443-3239 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/15/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, GE LM2500	26.50 MW	NOX	9.0000 PPMVD AT 15% O2 H2O INJECTION, SELECTIVE CAT. REDUCTION	80.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: WILLAMETTE INDUSTRIES , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 0157-2
DETERMINATION MADE BY VENTURA COUNTY APCD (AGENCY)
KEITH DUVAL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 04/26/85
ESTIMATED DATE OF START-UP--
(805)-654-2845 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM-2500-33	230.00 MMBTU/H	NOX	15.0000 PPMVD AT 15% O2 H2O INJ. W/SELECTIVE CATALYTIC REDUCTION	92.00

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 350.00 MMBTU/H

COMPANY NAME/SITE LOCATION: NITCO CHEMICAL CORP. — OILDALE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 83-07
DETERMINATION MADE BY EPA REGION IX (AGENCY)
JIM HANSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/19/84
ESTIMATED DATE OF START-UP-- 1985
(415)-974-8218 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	350.00 MMBTU/H			
		SO2	0.2500 % S	
		NOX	0.1800 LB/MMBTU OIL	
			0.2000 LB/MMBTU GAS	
BURNER, DUCT	111.60 MMBTU/H			
		NOX	0.1200 LB/MMBTU GAS FIRING ONLY	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/10/1984

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS 1800.00 HP

COMPANY NAME/SITE LOCATION ANR PRODUCTION CO. TACOMA, VA NISE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 11064
DETERMINATION MADE BY VIRGINIA SAPCB (AGENCY)
JAMES LEHAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/03/88
ESTIMATED DATE OF START-UP-- 1988
(804)-786-5783 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMPRESSOR, NAT GAS, 3 EA	600.00 HP	VOC	0.6600 LB/H 2.9000 T/YR	CATALYTIC CONVERTER	90.00
		NOX	1.6000 LB/H 7.2000 T/YR	CATALYTIC CONVERTER	90.00
		CO	3.2000 LB/H 14.0000 T/YR	CATALYTIC CONVERTER	90.00

NOTES --------
CONSTRUCTION OF A NATURAL GAS COMPRESSOR STATION.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.
DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION CONSOLIDATED GAS TRANSMISSION CORP. , PA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 59-399-008
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/10/88
ESTIMATED DATE OF START-UP--
(717)-787-9256 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, DRESSER-RAND, 2 EA	4200.00 HP	NOX	3.0000 G/HP-H		BACT
		CO	2.0000 G/HP-H		BACT
		VOC	0.5000 G/HP-H		BACT

NOTES --------
AIR TO FUEL RATIO IS 4.5 TO 1

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988
SOURCE TYPE CODE 5.2

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 2850.00 HP

COMPANY NAME/SITE LOCATION: NATIONAL FUEL GAS SUPPLY CORP. — ALLEGHENY TOWNSHIP, PA — POTTER COUNTY

DETERMINATION IS BACT
PERMIT NO. 53-399-002
DETERMINATION MADE BY PENNSYLVANIA DER (AGENCY)
BILL SCHILDT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/01/88
ESTIMATED DATE OF START-UP--
(717)-787-9256 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, 412 KVE-1, DRESSER RAND	2850.00 HP				
		NOX	3.0000 G/BHP-H	CLEAN BURN	BACT
		CO	3.0000 G/BHP-HR		BACT
		VOC	1.0000 G/BHP-H		BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/31/1988

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 6000.00 HP

COMPANY NAME/SITE LOCATION: NATIONAL FUEL GAS SUPPLY CORP. ELLISBURG C.S. — ALLEGANY THP., PA — POTTER COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 53-329-001
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
RICHARD MAXWELL (AGENCY CONTACT PERSON)
(717)-327-3637 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/13/89
ESTIMATED DATE OF START-UP-- 1991

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIP., 2	3000.00 HP	NOX	2.0000 G/BHP-H 13.2000 LB/H	RICH PRE-IGNITION CHAMBER	BACT
		CO	2.3000 G/BHP-H 4.9500 LB/H		
		NMHC	31.2000 T/YR		

NOTES --------
OPERATING HOURS LIMIT OF 12600 H/YR TOTAL FOR BOTH COMPRESSORS. STACK TESTS FOR NOX, CO, & NON-METHANE VOC. EMISSION LIMITS FROM APP - 0.08 TPY SO2 & 1.29 TPY PM10, BOTH ENGINES COMBINED.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 08/31/1989

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: NATURAL GAS PIPELINE CO. — GENESEA, IL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 85100014
DETERMINATION MADE BY ILLINOIS EPA (AGENCY)

DATE OF PERMIT ISSUANCE-- 03/01/89
ESTIMATED DATE OF START-UP-- 1989
C. ROMAINE (AGENCY CONTACT PERSON)
(217)-782-2113 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, MLV-10, 4 EA	4000.00 HP				
		CO	5.0000 G/BHP-H		BACT
			44.1000 LB/H		
				DESIGN & OPERATING PRACTICES	
		NOX	9.0000 G/BHP-H		BACT
			79.4000 LB/H		
				DESIGN & OPERATING PRACTICES	
BOILER, NAT GAS FIRED	8.40 MMBTU/H				
		NOX	0.1000 LB/MMBTU		BACT
		CO	0.0200 LB/MMBTU		BACT

NOTES --------
BACT FOR NOX IS "ASSOCIATED WITH" BACT FOR CO. BACT NOT INDEPENDENTLY REQUIRED FOR NOX, BECAUSE PROJECT WAS NOT A MAJOR MODIFI CATION FOR NOX. ENGINES ARE REFURBISHED EXISTING ENGINES WHICH WERE RELOCATED TO A NEW SIDE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: NORTHERN NATURAL GAS, WATERLOO, IA
WATERLOO COMPRESSOR STATION, BLACKHAWK COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY EPA REGION VII (AGENCY)
JON KNODEL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/04/86
ESTIMATED DATE OF START-UP--
(913)-551-7020 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, RECIP., 2 EA	4000.00 HP			
		NOX	250.0000 PPM, 15% O2 ENGINE DESIGN	BACT
		VOC	300.0000 PPM, 15% O2	BACT
		CO	540.0000 PPM, 15% O2	BACT

NOTES --------
EITHER OF TWO ENGINE SETS APPROVED, TWO IDENTICAL IC ENGINES PER SET. THE VOC & CO STDS APPLY TO ONE OF THE ENGINE SET ALTERNATIVES BUT NOT THE OTHER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/11/1987

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: SHELL CALIFORNIA PRODUCTION , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 0041-6
DETERMINATION MADE BY VENTURA COUNTY APCD (AGENCY)
KEITH DUVAL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/02/85
ESTIMATED DATE OF START-UP-- 1986
(805)-654-2845 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., CATERPILLER MODEL*	225.00 BHP			
		NOX	50.0000 PPMVD	
			0.8050 G/HP-H	
			NON-SELECTIVE CATALTYIC REDUCTION	90.00

NOTES --------
ENGINE USED AS A VAPOR RECOVERY COMPRESSOR. NOX LIMIT IS LEAST RESTRICTIVE OF THE TWO LIMITS & THE PERCENTAGE EFFICIENCY.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION SHELL CALIFORNIA PRODUCTION CO. , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 147853
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY)

VIJI SADASIVAN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/14/84
ESTIMATED DATE OF START-UP-- 1986
(818)-572-6214 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., #27	600.00 HP	NOX	100.0000 LB/D	SELECTIVE CATALYTIC REDUCTION	BACT 70.00

NOTES --------
WE HAVE REISSUED THIS P/C TO THE NEW OPERATORS BECAUSE THE PREVIOUS OPERATOR, PERMIT #127125, DID NOT SUBMIT COMPLETE INFORMAT
ION FOR AQMD TO EVALUATE FOR P/O. REISSUANCE FOR P/C HAS IN OCTOBER OF 1986.
INSTALLED CONTROL EQUIPMENT COST HAS APPROX. 100000 DOLLARS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: SOUTHERN NATURAL GAS CO. — GALLION, AL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 406-0003-X002
DETERMINATION MADE BY ALABAMA DEM (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
(205)-271-7861 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/19/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIP., GAS FIRED	4160.00 BHP	NOX	2.2000 G/HP-H	CLEAN BURN ENGINE	BACT

NOTES --------
STACK TEST TO PROVE COMPLIANCE WITH BACT LIMIT REQUIRED AFTER PROPER DEBUGGING, -- UP TO NINTY DAYS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 09/30/1988

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS — 4000.00 BHP

COMPANY NAME/SITE LOCATION: WESTERN GAS PROCESSORS, LTD. , ND — BILLINGS COUNTY

DETERMINATION IS
PERMIT NO.
DETERMINATION MADE BY NORTH DAKOTA SHD (AGENCY) — GARY HELBLING (AGENCY CONTACT PERSON) — (701)-224-2348 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/11/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, GAS FIRED, 4	4000.00 BHP			
		NOX	2.2000 LB/H PER ENGINE	BACT
		CO	3.1000 LB/H PER ENGINE	SIP
		VOC	0.9700 LB/H PER ENGINE	SIP

NOTES --------
ENGINES WERE INSTALLED AT WESTERN GAS PROCESSORS, LTD, NATURAL GAS PROCESSING PLANT. ENGINES WERE AN EXPANSION TO THE PLANT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/24/1989

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: XIOX CORP. RINGGOLD TOWNSHIP, PA JEFFERSON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 33-399-004
DETERMINATION MADE BY PENNSYLVANIA BAQC (AGENCY)
WILLIAM CHARLTON (AGENCY CONTACT PERSON)
(412)-645-7100 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/31/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 3 EA	6968.00 HP	NOX	5.0000 G/BHP-H	BACT
		CO	CATALYTIC CONVERTER	90.00

NOTES --------
DUAL FUEL, NAT GAS/DIESEL, FIRED COOPER BESSEMER ENGINES.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 138.00 MMBTU/H

COMPANY NAME/SITE LOCATION: AMERICAN COGENERATION CORP. , CA — KERN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 4147002A THRU 007A
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/12/85
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, DUAL FUEL, 6 EA	23.00 MMBTU/H	NO2	10.0000 PPM, DRY AT 15% O2, GAS	BACT
			90.0000 PPM, DRY AT 15% O2, OIL	
			SELECTIVE CATALYTIC REDUCTION	87.00

NOTES --------
GAS FIRING CAPABILITY WAS ADDED TO THE TURBINE. OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/25/1985

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: AMERICAN COGENERATION TECHNOLOGY , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. A/C 3204 & 3277
DETERMINATION MADE BY MONTEREY BAY UNIFIED APCD (AGENCY)
FRED THOITS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/16/85
ESTIMATED DATE OF START-UP--
(408)-443-1135 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 2 EA, W/WASTE HEA*	220.40 MMBTU/H	NOX	17.0000 PPMV AT 15% O2 15.4000 LB/D TOTAL H2O INJ. & SCR	60.00

NOTES --------
BOILER NOX EMISSION LIMITS ARE TENATIVE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 53.00 MW

COMPANY NAME/SITE LOCATION: CAROLINA COGENERATION CO., INC. — NEW BERN, NC — CRAVEN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 5872
DETERMINATION MADE BY NORTH CAROLINA DEM (AGENCY)

MIKE SEMELL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/11/86
ESTIMATED DATE OF START-UP-- 1987
(919)-733-3340 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, PEAT FIRED	416.00 MMBTU/H	NOX	125.0000 PPMV	SELECTIVE CATALYTIC REDUCTION	71.00
		SO2	151.3000 LB/H	LOW S FUEL, PEAT	
		PM	10.1900 LB/H	CYCLONES H2O QUENCH, METAL FILTERS	99.50
		CO	34.5900 LB/H	PROPER OPERATION	
DRYER, PEAT FIRED	103232.00 LB/H	PM	0.0200 GR/DSCF	DYNAMIC WET SCRUBBER	98.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/01/1987

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: CITIZENS UTILITIES CO.
KAUAI ELEC. DIV./PORT ALLEN GENERATING * ELEELE, HI KAUAI COUNTY

DETERMINATION IS
PERMIT NO. HI 88-04
DETERMINATION MADE BY HAWAII DOH (AGENCY)
TYLER SUGIHARA (AGENCY CONTACT PERSON)
(808)-543-8200 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/19/89
ESTIMATED DATE OF START-UP-- 1990

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., DIESEL FIRED, 4 EA	7.86 MW	NOX	590.0000 PPM, DRY AT 15% O2, FULL LOAD		BACT
			605.0000 PPM DRY AT 15% O2, 75-99.99% LOAD		
				VARIABLE FITR	18.60
		NOX	667.0000 PPM, DRY AT 15% O2, 50-74.99% LOAD		BACT
			342.7800 LB/H, 3H AVG		
				VARIBLE FITR	18.60
		SO2	95.0000 PPM, DRY AT 15% O2		BACT
			77.1200 LB/H, 3H AVG		
				0.5% BY WT FUEL S CONTENT, MAX	
		CO	113.0000 PPM, DRY AT 15% O2, FULL LOAD		BACT
			169.0000 PPM, DRY AT 15% O2, 75-99.99% LOAD		
		CO	197.0000 PPM, DRY AT 15% O2, 50-74.99% LOAD		BACT
			39.7800 LB/H, 3H AVG		
		PM	0.0650 LB/MMBTU, FULL LOAD		BACT
			0.0950 LB/MMBTU, 75-99.99% LOAD		
		PM	0.1200 LB/MMBTU, 50-74.99% LOAD		BACT
			9.5000 LB/H, 3H AVG		

NOTES --------
MAXIMUM OF TWO DIESEL ENGINE GENERATORS OPERATING AT ANY ONE TIME. FUEL CONSUMPTION SHALL NOT EXCEED 20332 GALS/DAY & 7.42 MMG ALS/YR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/31/1989

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: CITY OF VENTURA WASTEWATER TREATMENT PL* — VENTURA, CA

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 1379-1
DETERMINATION MADE BY VENTURA COUNTY APCD (AGENCY)
KEITH DUVAL (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/31/86
ESTIMATED DATE OF START-UP--
(805)-654-2845 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C.	773.00 BHP	NOX	2.0000 GR/BHP-H	ENGINE DESIGN	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/05/1987

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 1100.00 HP

COMPANY NAME/SITE LOCATION: COGENERATION PARTNERS OF AMERICA — TOLEDO, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 04-457
DETERMINATION MADE BY TOLEDO ENVIRONMENTAL SERVICES (AGENCY)
DALE KRYGIELSKI (AGENCY CONTACT PERSON)
(419)-693-0350 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/06/88
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
I.C. ENGINE, COGENERATION	9.62 MMBTU/H	PM	0.0200 LB/MMBTU CLEAN BURN TECHNOLOGY	BACT
		SO2	8.3000 EE-4 LB/MMBTU CLEAN BURN TECHNOLOGY	BACT
		NOX	0.6800 LB/MMBTU 5.9200 LB/H CLEAN BURN TECHNOLOGY	BACT
		VOC	0.2100 LB/MMBTU 1.8200 LB/H CLEAN BURN TECHNOLOGY	BACT
		CO	0.7400 LB/MMBTU 6.4800 LB/H CLEAN BURN TECHNOLOGY	BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/24/1989

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 6.50 MW

COMPANY NAME/SITE LOCATION: COGENERATION RESOURCE, INC. , CA — KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4181001-005
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY)
TOM PAXSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/25/87
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, DUAL FUEL, 5 EA	1.30 MW	NOX	0.0700 LB/MMBTU	SELECTIVE CATALYTIC REDUCTION AMMONIA REDUCING AGENT	92.00

NOTES --------
DUAL FUEL TURBINES - CRUDE OIL & GAS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 12/23/1987

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: GENERAL MOTORS CORP., PROVING GROUNDS — MILFORD, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 27-84
DETERMINATION MADE BY MICHIGAN DNR (AGENCY)

KENNETH TERRY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/14/84
ESTIMATED DATE OF START-UP-- 1983
(517)-373-7023 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DYNAMOMETER, CAR/TRUCK TESTING		VE	20.0000 % OPACITY FILTER TOWER, SEE NOTE	

NOTES --------
ONLY BEING USED WHEN 5 OR MORE ENGINES ARE SIMULTANEOUSLY RUNNING OR AN OPACITY PROBLEM EXISTS, OR APPROXIMATELY 1/2 HR PER DA
Y & 3 1/2 HR PER WEEK.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/01/1990

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: GENSTAR GAS RECOVERY SYSTEMS , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30893 & 30970
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
CRAIG ULLERY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/29/85
ESTIMATED DATE OF START-UP-- 1985
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIP., 2	1100.00 HP				
		NOX	1.5000 G/HP-H	LEAN-BURN COMBUSTION	
ENGINE, RECIP., 2	2650.00 HP				
		NOX	1.5000 G/HP-H	LEAN-BURN COMBUSTION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: GREENS CREEK MINING CO. ADMIRALTY ISLAND, AK

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 8712-AA003
DETERMINATION MADE BY ALASKA DEC (AGENCY)
JON SANDSTEDT (AGENCY CONTACT PERSON)
(907)-465-2666 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/10/87
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, DIESEL, 3 EA	2300.00 KW	NOX	1075.0000 PPMVD AT 15% O2		BACT
		SO2	0.2000 % S FUEL CONTENT, MAX		BACT
		PM	20.0000 % OPACITY, 3 MIN/H		BACT

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: GSF ENERGY, INC.
OII LANDFILL
, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 129631,33,34,35
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY)
TED KONALCZYK (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/13/86
ESTIMATED DATE OF START-UP-- 1987
(818)-572-6186 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 4 TOTAL	8775.00 BHP				
		NOX	245.0000 LB/D		BACT
			0.8000 G/BHP-H		
				CLEAN BURN ENGINE	

NOTES --------
PROJECT CANCELED. NOX EMISSION SHALL NOT EXCEED 245 LB/D & 0.5 G/BHP-H FOR THE 2650 BHP, 0.8 G/BHP-H FOR THE 825 BHP.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: HAWAII ELECTRIC LIGHT CO., INC. KEAHOLE, HI

DETERMINATION IS BACT
PERMIT NO. HI 85-03
DETERMINATION MADE BY HAWAII DOH (AGENCY)
NOLAN HIRAI (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/17/87
ESTIMATED DATE OF START-UP-- 1988
(808)-548-6410 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 3 EA	2.50 MW				
		NOX	600.0000	PPM, DRY AT 15% O2	BACT
			68.4000	LB/H, 3H AVG	
				4 DEG IGNITION RETARD	20.00
		SO2	0.5000	% SULFUR BY WT., MAX	BACT
		VE	20.0000	% OPACITY	SIP
ENGINE, I.C.	2.50 MW				
		NOX	600.0000	PPM, DRY AT 15% O2	BACT
			68.4000	LB/H, 3H AVG	
				4 DEG IGNITION RETARD	20.00
		SO2	0.5000	% SULFUR BY WT., MAX	BACT
				#2 FUEL OIL	
		VE	20.0000	% OPACITY	SIP

NOTES --------
PROVISION TO LOWER NOX EMISSION LIMIT, 800 PPM, 91.2 LB/H, BASED ON INITIAL STACK PERFORMANCE TEST RESULTS.
NOX LIMIT WAS REDUCED DUE TO THE RESULTS OF THE INITIAL PERFORMANCE TEST. AMMENDED 03/14/89.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/01/1989

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: HAWAII ELECTRIC LIGHT CO., INC. — KEAHOLE, HI

DETERMINATION IS BACT
PERMIT NO. HI 88-01
DETERMINATION MADE BY HAWAII DOH (AGENCY)
NOLAN HIRAI (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 06/29/89
ESTIMATED DATE OF START-UP-- 1989
(808)-548-6410 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, OIL FIRED	18.00 MW				
		NOX	34.8000 LB/H		BACT
			42.0000 PPMVD AT 15% O2		
				WATER INJECTION	89.00
		SO2	110.0000 LB/H		BACT
			95.4000 PPMVD AT 15% O2		
				0.5% S BY WT., MAX	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 08/31/1989

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION 7.50 MW

COMPANY NAME/SITE LOCATION: HAWAIIAN ELECTRIC
KEAHOLA GENERATING STATION , HI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. HI 83-03
DETERMINATION MADE BY EPA REGION IX (AGENCY)

JIM HANSON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/08/84
ESTIMATED DATE OF START-UP-- 1984
(415)-974-8218 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	% BASIS PCT EFF
ENGINE, I.C., 3	3950.00 BHP	NOX	1158.0000 PPM AT 15% O2 INJ. TIMING RETARD 4 DEG	20.00
		SO2	0.5000 % S FUEL	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/10/1986

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: KALAELOE PARTNERS, L.P. , HI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. HI 88-03
DETERMINATION MADE BY HAWAII DOH (AGENCY)
TYLER SUGIHARA (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/09/90
ESTIMATED DATE OF START-UP-- 1990
(808)-543-8200 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, LSFO, 2	1800.00 MMBTU/H, TO*				
		NOX	483.0000 LB/H		BACT
			130.0000 PPM		
				STEAM INJECTION, 1.3 TO 1 STEAM TO FUEL RATIO	77.20
		SO2	488.0000 LB/H		BACT
			98.0000 PPM		
		VOC	1.0000 PPM AT > 80% LOAD		BACT
			2.0000 PPM AT < 80% LOAD		
		CO		SEE NOTES	BACT
		PM/*	80.0000 LB/H		BACT
			0.0180 GR/DSCF		

NOTES --------
TWO COMBINED CYCLE TURBINES W/ INDIVIDUAL STACKS. PPM EMISSION LIMITS ARE CORRECTED TO 15% O2. CO LIMITS FOR TURBINE ARE - 40 LB/H OR 30 PPM AT <60% LOAD, 35 LB/H OR 25 PPM AT 60-80% LOAD, & 30 LB/H OR 14 PPM AT >80% LOAD.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: KEY WEST ELECTRIC SYSTEM , FL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-FL-135
DETERMINATION MADE BY FLORIDA DER, BAR (AGENCY)

BARRY ANDREWS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 06/05/89
ESTIMATED DATE OF START-UP-- 1990
(904)-488-1344 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., DIESEL FIRED, 2 EA	13266.00 HP	NOX	6.0000 G/HP-H	TIMING RETARDATION	BACT
		SO2	0.5000 % SULFUR FUEL		BACT
		PM10	0.1000 LB/MMBTU		BACT
		CO	2.0000 G/HP-H		BACT
		VOC	1.0000 G/HP-H		BACT

NOTES --------
FACILITY LIMITED TO 1870 FULL LOAD EQUIVLAENT HOURS, 3740 FULL LOAD EQUIV ENGINE HOURS, OPERATION PER YEAR. PM10, CO, & VOC EMISSION LIMITATIONS ARE MAXIMUM ALLOWABLES & ARE SUBJECT TO CHANGE BASED ON STACK TESTING RESULTS.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: LAJET ENERGY CO.
CUMMINS POWER GEN. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 850905 & 850906
DATE OF PERMIT ISSUANCE-- 07/17/86
ESTIMATED DATE OF START-UP-- 1987
DETERMINATION MADE BY SAN DIEGO COUNTY APCD (AGENCY)
CRAIG ANDERSON (AGENCY CONTACT PERSON)
(619)-694-3318 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., & GENERATOR	1345.00 HP	NOX	149.0000 LB/D 5.4000 G/BHP-H	LOW SULFUR FUEL, 0.25% BY WT. H2O INJ., ENGINE DESIGN	BACT

NOTES --------
COST EFFECTIVENESS ENHANCED BY EXISTING SITE WATER TREATMENT FACILITY, WHICH PROVIDES THE WATER FOR THE WATER INJECTION SYSTEM

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/01/1989

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: LENT COGENERATION ASSOCIATES , UT — UTAH COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. DAQ-1101-0
DETERMINATION MADE BY UTAH DAQ (AGENCY)
DAVE KOPTA (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/22/87
ESTIMATED DATE OF START-UP-- 1988
(801)-538-6108 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, GAS FIRED, 3 EA	16950.00 KW	VE	20.0000 % OPACITY		BACT
		PM	1.8600 T/YR SEE NOTES		BACT
		SO2	5.3100 T/YR SEE NOTES		BACT
		NOX	249.8700 T/YR SEE NOTES		BACT
		VOC	8.0300 T/YR SEE NOTES		BACT
		CO	155.5900 T/YR SEE NOTES		BACT

NOTES --------
NATURAL GAS WITH A MAXIMUM OF 4% PILOT DIESEL OIL. EQUIPMENT MONITORING. RECORDS OF PRODUCTION.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/30/1990

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: MAUI ELECTRIC CO., INC — MAALAEA, HI — MAUI COUNTY

DETERMINATION IS
PERMIT NO. HI 86-02
DETERMINATION MADE BY HAWAII DOH (AGENCY)
MILFRED NAGAMINE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 11/17/87
ESTIMATED DATE OF STAR[illegible]P-- 1988
(808)-543-8200 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 2 EA	2.50 MW	NOX	600.0000 PPM, DRY AT 15% O2		BACT
			68.4000 LB/H 3H AVG		
				4 DEG IGNITION RETARD	20.00
		SO2	0.5000 % MAX SULFUR FUEL OIL		BACT
				#2 FUEL OIL	
		VE	20.0000 % OPACITY		SIP

NOTES ---------
12 H/D OPERATING LIMIT. NOX LIMIT SUBJECT TO CHANGE AFTER INITIAL PERFORMANCE TEST. NOX LIMIT REDUCED DUE TO RESULT OF TEST. A
MMENDED 08/09/89 TO INCREASE THE STACK HEIGHTS FROM 20 TO 60 FT TO ADDRESS VIOLATIONS TO THE PSD CLASS II.
SO2 INCREMENT IDENTIFIED IN THE REVIEW OF PSD APPLICATION HI 87-01.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/31/1990

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: MAUI ELECTRIC CO., LTD. — MAALAEA, HI

DETERMINATION IS
PERMIT NO. HI 87-01
DETERMINATION MADE BY HAWAII DOH (AGENCY)

WILFRED NAGAMINE (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 12/30/89
ESTIMATED DATE OF START-UP-- 1988
(808)-543-8200 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 2 EA	12.50 MW				
		NOX	595.0000 PPM DRY AT 15% O2		BACT
			256.1000 LB/H, 3H AVG		
				5 DEGREE IGNITION RETARD	20.00
		PM	0.1700 GR/DSCF AT 12% CO2		BACT
			39.1000 LB/H, 3H AVG		
		SO2	110.0000 PPM DRY AT 15% O2		BACT
			58.0000 LB/H, 3H AVG		
				0.5% MAX S #2 FUEL OIL	
		VOC	211.0000 PPM DRY AT 15% O2		BACT
			27.0000 LB/H, 3H AVG		
		CO	234.0000 PPM DRY AT 15% O2		BACT
			70.6000 LB/H, 3H AVG		
		VE	20.0000 % OPACITY		

NOTES --------
NOX LIMIT SUBJECT TO CHANGE AFTER INITIAL PERFORMANCE TEST OR AFTER THE REVIEW OF 12000 HOURS OF CONTINUOUS MONITORING DATA.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 03/31/1990

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 4.60 MW

COMPANY NAME/SITE LOCATION: MAUI PINEAPPLE CO., LTD. — KAHULUI, HI — MAUI COUNTY

DETERMINATION IS
PERMIT NO. HI 87-02
DETERMINATION MADE BY HAWAII DOH (AGENCY)

TYLER SUGIHARA (AGENCY CONTACT PERSON)
(808)-543-8200 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/17/88
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 2 EA	2010.00 BHP	NOX	536.0000 PPM DRY AT 15% O2		BACT
			23.0000 LB/H, 3H AVG	2 DEG. IGNITION RETARD	18.00
				0.1% S MAX. IN FUEL OIL	
		SO2	0.4000 % S MAX #2 FUEL OIL		BACT
		VE	20.0000 % OPACITY		SIP
ENGINE, I.C., 2 EA	3020.00 BHP	NOX	520.0000 PPM DRY AT 15% O2		BACT
			35.0000 LB/H, 3H AVG	2 DEG IGNITION RETARD	18.00
				0.1% S MAX IN FUEL OIL	
		SO2	0.4000 % S MAX #2 FUEL OIL		BACT
		VE	20.0000 % OPACITY		SIP

NOTES --------
TOTAL COMBINED ANNUAL FUEL CONSUMPTION OF THE TWO 2010 HP & 3020 HP DIESEL ENGINE GENERATORS SHALL NOT EXCEED 1317760 GAL/YEAR
. EACH 3020 HP DIESEL GENERATOR SHALL NOT CONSUME IN EXCESS OF 493720 GAL/YEAR. PERMIT AMMENDED 11/17/89.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1990

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 12.00 MW

COMPANY NAME/SITE LOCATION: NORTHEAST LANDFILL POWER — JOHNSTON, RI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 999-1014
DETERMINATION MADE BY RHODE ISLAND DEM (AGENCY)
DOUG MCVAY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/12/89
ESTIMATED DATE OF START-UP-- 1990
(401)-277-2808 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 8 EA	2400.00 BHP	NOX	1.2500 G/BHP-H	LEAN BURN	BACT
		CO	1.1250 G/BHP-H	CO CATALYST	BACT
		VOC	0.5000 G/BHP-H		BACT

NOTES --------
LANFILL GAS FIRED ENGINE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 4.60 MW

COMPANY NAME/SITE LOCATION: MAUI PINEAPPLE CO., LTD. — KAHULUI, HI — MAUI COUNTY

DETERMINATION IS
PERMIT NO. HI 87-02
DETERMINATION MADE BY HAWAII DOH (AGENCY)

TYLER SUGIHARA (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/17/88
ESTIMATED DATE OF START-UP-- 1988
(808)-543-8200 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 2 EA	2010.00 BHP				
		NOX	536.0000	PPM DRY AT 15% O2	BACT
			23.0000	LB/H, 3H AVG	
				2 DEG. IGNITION RETARD	18.00
				0.1% S MAX. IN FUEL OIL	
		SO2	0.4000	% S MAX #2 FUEL OIL	BACT
		VE	20.0000	% OPACITY	SIP
ENGINE, I.C., 2 EA	3020.00 BHP				
		NOX	520.0000	PPM DRY AT 15% O2	BACT
			35.0000	LB/H, 3H AVG	
				2 DEG IGNITION RETARD	18.00
				0.1% S MAX IN FUEL OIL	
		SO2	0.4000	% S MAX #2 FUEL OIL	BACT
		VE	20.0000	% OPACITY	SIP

NOTES ---------
TOTAL COMBINED ANNUAL FUEL CONSUMPTION OF THE TWO 2010 HP & 3020 HP DIESEL ENGINE GENERATORS SHALL NOT EXCEED 1317760 GAL/YEAR . EACH 3020 HP DIESEL GENERATOR SHALL NOT CONSUME IN EXCESS OF 493720 GAL/YEAR. PERMIT AMMENDED 11/17/89.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/28/1990

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 12.00 MW

COMPANY NAME/SITE LOCATION: NORTHEAST LANDFILL POWER — JOHNSTON, RI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 999-1014
DETERMINATION MADE BY RHODE ISLAND DEM (AGENCY)
DOUG MCVAY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/12/89
ESTIMATED DATE OF START-UP-- 1990
(401)-277-2808 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 8 EA	2400.00 BHP				
		NOX	1.2500 G/BHP-H	LEAN BURN	BACT
		CO	1.1250 G/BHP-H	CO CATALYST	BACT
		VOC	0.5000 G/BHP-H		BACT

NOTES --------
LANFILL GAS FIRED ENGINE.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION PACIFIC LIGHTING ENERGY , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30336
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
CRAIG ULLERY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 03/01/85
ESTIMATED DATE OF START-UP-- 1985
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIP., SUPERIOR 165GTA	2650.00 HP	NOX	1.5000 G/HP-H	PRECHAMBER IGNIT	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/04/1986

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: POPPY RIDGE PARTNERS , CA
SACRAMENTO COUNTY

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 8501-4
DETERMINATION MADE BY SACRAMENTO COUNTY APCD (AGENCY)
A. KENNARD (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/16/86
ESTIMATED DATE OF START-UP-- 1986
(916)-366-2107 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS ... CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIPROCATING, DIGESTER*	0.54 MMCF/D	NOX	2.0000 G/HP-H PRE-STRATIFIED CHARGE EMIS CONTROL SYS.	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: PH VENTURES , FL
PALM BEACH COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-FL-120
DETERMINATION MADE BY FLORIDA DER, BAR (AGENCY)
BARRY ANDREWS (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/12/88
ESTIMATED DATE OF START-UP-- 1990
(904)-488-1344 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., DUAL FUEL, 3 EA	8800.00 HP				
		NOX	5.0000 G/HP-H	DUAL FUEL	BACT
			12.1000 G/HP-H	DIESEL FIRING	
		SO2	0.0200 LB/MMBTU	DUAL FUEL	BACT
			0.3200 LB/MMBTU	DIESEL FIRING LOW S FUEL	
		VOC	0.4300 G/HP-H	DUAL FUEL	BACT
			0.2400 G/HP-H	DIESEL FIRING	

NOTES --------
DIESEL FUEL FIRING LIMITED TO PERIODS OF NATURAL GAS CURTAILMENT.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: SF SOUTHEAST TREATMENT PLANT , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30456
DETERMINATION MADE BY BAY AREA AQMD (AGENCY)
STEVE HILL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 05/01/85
ESTIMATED DATE OF START-UP--
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIP., SEWAGE-SLUDGE G*	5.20 MW	NOX	2.0000 G/BHP-H	CLEAN BURN ENGINE	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 04/15/1987

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: SOUTHERN CALIFORNIA GAS CO. , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 140395
DETERMINATION MADE BY SOUTH COAST AQMD (AGENCY)
KIEN HUYNH (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 11/03/86
ESTIMATED DATE OF START-UP-- 1987
(818)-572-6360 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BLASTING MACHINE, ABRASIVE	56.00 HP				
		PM	0.2300 LB/D		BACT
				CARTRIDGE FILTER	98.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/02/1988

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: STATE OF UTAH NATURAL RESOURCES
WEST DESERT PUMPING STATION , UT

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO.
DETERMINATION MADE BY UTAH BAQ (AGENCY)
L. MEULUVE (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/01/86
ESTIMATED DATE OF START-UP-- 1988
(801)-538-6108 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, GAS FIRED, 3	46.30 MMCF/H				
		SO2	0.3000 LB/H		S/B
				TURBOCHARGER UPS FUEL EFF.	0.00
		NOX	36.0000 LB/H		S/B
				PRECOMBUST. CHAMBER, LEAN BURN TURBOCHARGER UPS FUEL EFF.	92.00
		CO	24.0000 LB/H		S/B
				PRECOMBUST. CHAMBER, LEAN BURN TURBOCHARGER UPS FUEL EFF.	29.00
		VOC	42.0000 LB/H		S/B
				PRECOMBUST. CHAMBER, LEAN BURN TURBOCHARGER UPS FUEL EFF.	80.00
		VE	20.0000 % OPACITY		SIP
				TURBOCHARGER UPS FUEL EFF.	

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 02/19/1987

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: THE WORCESTER CO. CENTERDALE, RI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 988-990
DETERMINATION MADE BY RHODE ISLAND DEM (AGENCY)
DOUG MCVAY (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 09/27/89
ESTIMATED DATE OF START-UP-- 1990
(401)-277-2808 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 3 EA	2000.00 BHP	NOX	1.5000 G/BHP-H	LEAN BURN	BACT
		CO	1.6000 G/BHP-H NAT GAS 1.9000 G/BHP-H PROPANE	LEAN BURN	BACT
		VOC	0.6000 G/BHP-H NAT GAS 4.5000 G/BHP-H PROPANE	LEAN BURN	BACT

NOTES ---------
NATURAL GAS FIRED. BACK-UP FUEL - PROPANE, LIMITED TO 2904 HOURS/YEAR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/18/1990

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: THERMOPOWER & ELECTRIC , CO GREELEY COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 87WE113
DETERMINATION MADE BY COLORADO DEH (AGENCY)
CATHY RHODES (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/06/88
ESTIMATED DATE OF START-UP-- 1988
(303)-331-0593 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 3 EA	271.00 MMBTU/H	NOX	100.0000 PPMV	STEAM INJECTION	BACT 45.00

NOTES --------
SOURCE IS IN CO NONATTAINMENT AREA, THEREFORE BACT DETERMINATION BASED ON BALANCE OF NOX & CO EMISSIONS.

(=) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 06/22/1988

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION TRICOUNTY SUN ENERGY SHERATON HOTEL , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 1369-1
DETERMINATION MADE BY VENTURA COUNTY APCD (AGENCY)
KEITH DUVAL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/07/86
ESTIMATED DATE OF START-UP-- 1987
(805)-654-2845 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C.	7750.00 BTU/HP-H	NOX	50.0000 PPMVD AT 15% O2 NONSELECTIVE CATALYST	90.00

NOTES --------
BACT FOR THIS PROJECT IS THE MORE STRINGENT OF 90% EFFICIENCY, OR 50 PPM

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 05/05/1987

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 363.60 MMBTU/H

COMPANY NAME/SITE LOCATION: MITCO CHEMICAL CORP. , CA — KERN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 2026051B
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, DUAL FUEL	363.60 MMBTU/H				
		VOC	21.9000 LB/MMSCF, GAS		BACT
			3.4100 LB/MGAL, OIL		
				GOOD COMBUSTION PRACTICE & BURNER DESIGN.	

NOTES --------
THIS IS A REVISION TO A PRESENT EMISSION LIMIT. THIS OPERATION RUNS 24 H/D, 365 D/YR.

(*) INDICATES DATUM HAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 11/25/1985

SOURCE TYPE/SIZE OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION 3M AUSTIN, TX TRAVIS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9904
DETERMINATION MADE BY TEXAS ACB (AGENCY)

RANDY HAMILTON (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 05/30/86
ESTIMATED DATE OF START-UP-- 1987
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIPROCATING, DUEL FUE*	8386.00 BHP	NOX	889.0000 T/YR	ENGINE REDESIGNED TO CONTROL NOX	B/NA
		CO	283.0000 T/YR		
		VOC	114.0000 T/YR		
		SO2	35.0000 T/YR		
		PM	14.0000 T/YR		

NOTES --------
PSD PERMIT - PSD-TX-674. COOPER LSVG-20-GDT NG DIESEL ENGINES. NOX EMISSIONS ARE MAINTAINED UNDER 5.0 GR/BHP-H.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

DATE ENTERED/UPDATED: 01/29/1988